FILE NOTATIONS Prior OSCC

Entered in N I D File
Entered On S R Sheet
Location Map Pinned
Card Indexed
W/R for State or Fee Land

Checked by Chief
Copy N I D to Field Office
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 2-1-54
OW/ ✓ WW TA
GW GS PA

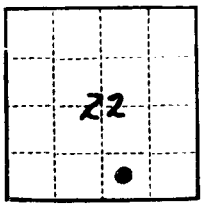
Location Inspected
Bond released
State of Fee Land

LOGS FILED

Driller's Log X
Electric Logs (No.) 2
E ✓ I E-1 GR GR-N Micro ✓
Lat MI-L Sonic Others

Budget Bureau 42-R358.2.
Approval expires 12-31-52.

Form 9-331a
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

Land Office Salt Lake City
Lease No. U-081
Unit Red Wash

RECEIVED
NOV 4 -1953

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 2, 1953

Well No. 31 is located 660 ft. from [S] line and 1980 ft. from [E] line of sec. 22

SW¼ SE¼ Sec. 22 (¼ Sec. and Sec. No.) T7S (Twp.) R23E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation above sea level is 5590 ft. GL Est.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is proposed to drill a test for oil for completion in the Green River Formation.

Proposed Casing Program:

10-3/4" OD Surface casing at 400', cemented to surface.
7" OD, 23#, J-55 oil string through Green River Zone at 5705'. Estimated depth with sufficient cement to exclude all potential oil or gas zone.

Estimated formation tops: Green River - 2840' (+2750)
Wasatch - 5705' (-115)

(APPROVAL IS CONDITIONAL UPON COMPLIANCE WITH THE TERMS ATTACHED HERETO)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Co.

Address P. O. Box 455

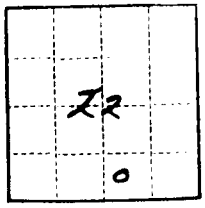
Vernal, Utah

By F. L. MERRY

Title Field Supt.

U. S. GOVERNMENT PRINTING OFFICE 16—8437-4

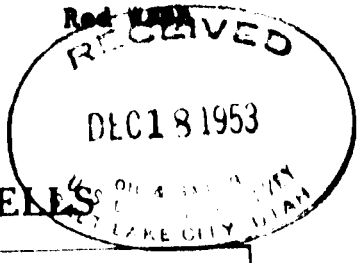
Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ORIGINAL FORWARDED TO CASPER

Land Office Salt Lake City
Lease No. U-081
Unit Red Wash



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report of Running 10-3/4 X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah December 16, 1953

Well No. 31 is located 660 ft. from [XXX] S line and 1980 ft. from [E] [XXX] line of sec. 22

SW¼ SE¼ Sec 22 (¼ Sec. and Sec. No.) | 7S (Twp.) | 23E (Range) | SLBM (Meridian)

[XXXXXXXXXXXX] Red Wash (Field) | Uintah (County or Subdivision) | Utah (State or Territory)

The elevation of the derrick floor above sea level is 5610.2 ft. KB (Zero)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ran 13 jts. 10-3/4" OD, 40.5#, J-55, ST&C New Smless Youngstown and National csg. to 397' and cemented with 160 sacks Ideal cement containing 8% Gel. Howco process top and bottom. Halliburton float shoe and baffle collar 2 jts. (63.19') apart. Ran 3 Howco centralisers at 392', 300' and 200'.

I understand that this plan of work must receive approval in writing by the Geological Survey before [illegible] commenced

Company The California Company

Address P. O. Box 455

Vernal, Utah

By F. L. [illegible]

Title Field Supt.

Approved DEC 21 [illegible]

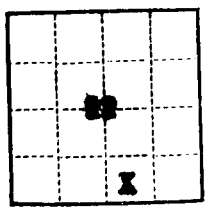
(Orig. Sgd.) H. C. Scoville

District Engineer

U. S. GOVERNMENT PRINTING OFFICE 16—5437-8

Budget Bureau 42-R358.3.
Approval expires 12-31-55.

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-081
Unit Red Wash

RECEIVED
JAN 27 1954

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
Notice of Intent to complete	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah January 25, 1954

Well No. 31 is located 660 ft. from [N/S] line and 1980 ft. from [E/W] line of sec. 22

SW¼ SE¼ Sec. 22 (¼ Sec. and Sec. No.) T7S (Twp.) R23E (Range) SLBM (Meridian)

(Field) (County or Subdivision) (State or Territory)

The elevation above sea level is 5610.2 ft. KB (Zero)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

After well is drilled and cored to 5720', Schlumberger Electric log will be run from surface pipe to TD. Zones of doubtful fluid content will be drill stem tested. 7" OD J-55 Domestic and Foreign casing will be run to 5720' and cemented with 300 (2.2 cu. ft.) sacks strata crete cement followed by 125 sacks Ideal common cement. Casing will be tested to 1500 psi. Cement will be drilled out to necessary depth. Gamma-Ray and Neutron logs will be run. Some of the following intervals will be perforated with 3 jets and 3 bullets per ft: 5381-5388, 5451-5462, 5482-5490, 5000-5515, 5574-5583, 5614-5616, and 5633-5651. The intervals perforated will be sand-oil squeezed with 2 bbls. No. 5 burner fuel mixed with 1 lb. sand/gal. per ft. of interval perforated. Tubing will be run and well placed on production.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Co.

Address P. O. Box 455

Vernal, Utah

By F. L. KERRY

Title

Approved JAN

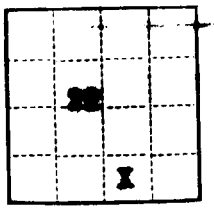
(Orig. Sgd.) H. C. [illegible]

[illegible]

U. S. GOVERNMENT PRINTING OFFICE 16—2437-5

Budget Bureau 42-R358.3
Approval expires 12-31-55.

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ORIGINAL FORWARDED TO CASPER

Land Office Salt Lake City
Lease No. U-061
Unit Red Wash

RECEIVED
FEB 1 - 1954

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report of DST #1 X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah January 28, 1954

Well No. 31 is located 660 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 22

SW¼ SE¼ Sec. 22 (¼ Sec. and Sec. No.) 7S (Twp.) 23E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation above sea level is 5610.2 ft. KB (Zero)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

DST No. 1 - Straddle test set a Howco 7-3/4" packer at 5568', a 8" packer at 5577', a 7-3/8" packer at 5596. Tested interval 5577-5596'. No BHC, no W.C. Tool open 1½ hours shut in 30 minutes. Opened with weak blow, gradually increasing to good blow after 45 minutes. Steady thereafter. No gas to surface. No pressure at surface. Recovered 20' oil, 330' mud cut water. Bomb pressures:

	IF BHP	FF BHP	SI BHP	HH
Upper DT	125	145	1625	2840
Lower DT	155	180	1975	2920
Blanked off	1875	1875	1875	2900

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Co.

Address P. O. Box 455

Vernal, Utah

By Fl. L. MERRY

Title Field Supt.

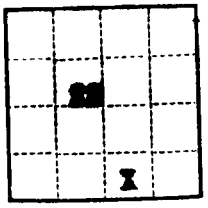
Approved 2-1-54

District Engineer

U. S. GOVERNMENT PRINTING OFFICE 16—8427-5

Budget Bureau 42-R358.3
Approval expires 12-31-55

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

Land Office Salt Lake City
Lease No. U-083
Unit Red Wash

RECEIVED
FEB 1 - 1954
OIL & GAS CONSERVATION COMMISSION
SALT LAKE CITY, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report of DST #2 X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah January 28, 1954

Well No. 22 is located 660 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 22

SE¼ SE¼ Sec. 22 (¼ Sec. and Sec. No.) | 7S (Twp.) | 23E (Range) | SLBM (Meridian)

Red Wash (Field) | Uintah (County or Subdivision) | Utah (State or Territory)

The elevation above sea level is 5610.2 ft. KB (Zero)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

DST No. 2 - Straddle test. Set a Howco 7-3/4" packer at 5527', a 8" packer at 5536' and a 7-3/4" packer at 5556'. Tested interval 5536-5556'. No DHC, no R.C. Tool open 1½ hours shut in 30 minutes. Opened with very weak blow, increasing to good blow in 2 minutes. Steady thereafter. Gas to surface in 45 minutes. Not sufficient volume to measure. No pressure at surface. Gas burned with orange flame 2 ft. long. Recovered 100 ft. slightly gas cut drilling mud. Bomb pressures:

	IF BHP	FF BHP	SI BHP	HH
Upper BT	20	205	370	2840
Lower BT	25	255	480	2920
Blanked off PRD	2100	2100	2100	2850

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Co.

Address P. O. Box 455

Vernal, Utah

By F. L. MERRY

Title Field, Supt.

Approved 2-1-54

District Engineer

U. S. GOVERNMENT PRINTING OFFICE 16—84577-3

RE-COMPLETION REPORT

STANDARD OIL COMPANY OF CALIFORNIA

FIELD: Red Wash PROPERTY: Section 22B

WELL NO: 34-22B(31) Sec. 22 T. 7S R. 23E SL B. & M.

Following is complete and correct record of all work done on the well since the previous record dated February 2, 1954

PURPOSE OF WORK: To perforate to expose additional zones and sand oil squeeze for greater productivity.

DATE OF REPORT: February 26, 1959 BY C. W. Chatterton
Superintendent

WORK DONE BY: R&R Well Service

COMMENCED OPERATIONS: August 13, 1958 COMPLETED OPERATIONS: August 27, 1958

DATE WELL LAST PRODUCED: August 13, 1958 DATE RETURNED TO PRODUCTION: August 27, 1958

PRODUCTION:	PRIOR TO WORK		AFTER WORK	
Oil	83	B/D	323	B/D
Water	0	B/D	4	B/D
Gas	187	Mcf/D	383	Mcf/D
Gravity	29.2	°API	29.2	°API
Tubing	100	PSIG	275	PSIG
Casing	130	PSIG	475	PSIG
Method of Production: Pumping	X		X	
Flowing				
Gas Lift				

SUMMARY

Total Depth: 5720' Effective Depth: 5665'

Casing: 10 3/4", 40.5, J-55, 8RD THD cemented 397.44'
7", 23#, J-55 cemented 5719.81'
Perforated with 8 - 1/2" bullets holes per foot: 5382-5390', 5396-5400', 5411-5415', 5424-5428'.
Perforated with 3 jets and 4 bullets per foot: 5442-5464', 5476-5493', 5496-5506', 5510-5530', 5611-5617', 5632-5656'.

Tubing:

13.70	K. B. to tubing head
.91	Boll Weevil Hanger
5456.93	183 jts 2½" EUE tubing
28.92	2½" slotted gas anchor
10.00	2½" EUE tubing
1.09	Axelson # 45 PSN
5511.55	Tubing landed

Budget Bureau 42 R358.4
Approval expires 12-31-5

Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

Land Office
Lease No.
Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		Subsequent Report of Completion	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

, 19

Well No. 31 is located ft. from {N/S} line and ft. from {E/W} line of sec.

(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Pressure 1400 psi. Squeezed 48 bbls. #5 burner fueld containing
5 bbls. #5 burner fuel. Pressure 1400 psi. Pressures 1800 psi to 2050 psi.
1 lb. sand/gal. at avg. injection rate 3.70 bbls/min. Pressures 1800 psi to 2050 psi.
1 lb. sand/gal. at avg. injection rate 3.70 bbls/min. Pressure 2050 psi to 2200 psi. Set Howco
Flushed sand-oil away with 30 bbls. Rangely crude. Pressure 2050 psi to 2200 psi. Set Howco
HM straddle packer at 5467 and 5532 and sand-oil squeezed the perforated intervals 5476-5493,
5496-5506 and 5510-5530 using 3 Howco trucks as follows: Pumped 10 bbls. Rangely crude
followed by 5 bbls. #5 burner fuel. Formation broke down from 4000 psi to 2400 psi. squeezed
94 bbls. #5 burner fuel containing 1 lb. sand/gal. at avg. injection rate of 4.30 bbls/min
Pressures 2400 psi to 2200 psi. Flushed sand-oil away with 30 bbls. Rangely crude. Press.
2200 psi to 2250 psi. Set Howco HM straddle packer at 5402 and 5466 and sand-oil squeezed
the perforated interval 5442-5464 using 3 Howco trucks as follows: Squeezed 10 bbls. Rangely
crude followed by 5 bbls. #5 burner fuel. Formation broke down from 3300 psi to 2100 psi.
Squeezed 44 bbls. #5 burner fuel containing 1 lb. sand/gal, at avg. inj. rate of 3.66 bbl/min
Pressure 2200 psi to 2500 psi. Flushed sand-oil away with 30 bbls. Rangely crude. Pressure
2500 psi. to 2300 psi. Two trucks pumping part time.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company

Address

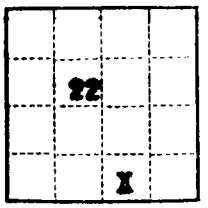
By

Title

U. S. GOVERNMENT PRINTING OFFICE 16-8437-8

Budget Bureau 42-R358.3.
Approval expires 12-31-55

Form 9-331a
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-081
Unit Red Wash

ORIGINAL FILE - SALT LAKE CITY

FEB 15 1954

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
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NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report of Completion X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah February 11, 1954

Well No. 11 is located 660 ft. from (N/S) line and 1980 ft. from (E/W) line of sec. 22

SW¼ SE¼ Sec. 22 (¼ Sec. and Sec. No.) | 7S (Twp.) | 23E (Range) | SLBM (Meridian)

Red Wash (Field) | Uintah (County or Subdivision) | Utah (State or Territory)

The elevation above sea level is 5610.2 ft. KB (Zero)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Page 1 of 2

Ran 97 jts. 7" OD 23#, J-55 8rd thd. LT&C Rge 3, Youngstown, 1 jt. 7" OD 23# J-55 8rd thd. LT&C Rge 1 Domestic, 2 jts. 7" OD 23#, J-55 8rd thd Rge 2 & 3 French, 59 jts. 7" OD 23# J-55 8rd thd. ST&C Rge 1 Japanese, 1 jt. 7" OD 23# J-55 8rd thd. ST&C Rge 2 Domestic, 1 jt. 7" OD 23# J-55 8rd thd. Rge 3 LT&C Youngstown casing to 5720' and cemented with 300 (2.2cu. ft.) sacks Strata-Crete (48% Perlite, 48% cement 4% Gel) followed by 125 sacks Ideal common cement Howco process top and bottom plugs. Ran Baker fillup shoe & fillup collar 2 jts. (86.00') apart. Ran 10 Baker Model "O" centralisers at 5714, 5665, 5615, 5565, 5515, 5465, 5415, 5365 5315 and 5265. After WOC 72 hours drilled out to 5667'. Ran McCullough's Gamma-ray and Neutron logs from 2700' to 5667'. Perforated the following intervals: 5442-5464, 5476-5493, 5496-5506, 5510-5530, 5611-5617 and 5632-5656 with 3 super casing jets and ½ - ¾" bullets per foot. Set Howco HM packer at 5630 and sand-oil squeezed the perforated interval 5632-5656 using 3 Howco trucks as follows: Broke down formation with 3 bbls. #5 Burner Fuel. Formation broke down from 4000 psi to 1800 psi. Squeezed 10 bbls. Rangely crude followed by

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company

Address P. O. Box 455

Vernal, Utah

By F. L. MERRY

Title Field Supt.

Approved FEB 1 5 1954

(Orig. Sgd.) R. C. Beeville

U. S. GOVERNMENT PRINTING OFFICE 16—8437-5

FOLD

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 5720 feet and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet and from ..... feet to ..... feet

DATES

December 13, 1954 Put to producing February 1, 1954

The production for the first 24 hours was 412 barrels of fluid of which 99.5 % was oil; 0 % emulsion; 0.5 % water; and Tr % sediment. Gravity, Be. 29.7 API

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

Frank L. Michl, Driller James A. Redman, Driller

Don M. Pitt, Driller Jerome D. Reinard, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	1750	1750	Sand and Shale
1750	2300	550	Shale
2300	2880	580	Sand and Shale
2880	5310	2430	Sand and Shale
5310	5398	Core #1	Rec.88' 16'SS. 16½'Mudst. 48½'Clayst. 7'SiHst.
5398	5475	Core #2	Rec.76' 32'SS. 34'Mudst. 1½'Clayst. 1' no rec.
5475	5563	Core #3	Rec.88' 52'SS. 26'Mudst. 5½'Clayst. 4½'Coquina.
5563	5584	Core #4	Rec.21' 7' SS. 13'Mudst. 1' Clayst.
5584	5672	Core #5	Rec.86' 36½'SS. 13½'Mudst. 12½' Clayst. 10½' Coquina 13' Siltst. 2' No rec.
5672	5720	Core #6	Rec.48' 6½'SS. 5'Coquina 27'Mudst. 4½'Clayst.

Form 9-330
U. S. LAND OFFICE Salt Lake City
SERIAL NUMBER U-081
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
DEC 20 1954

LOG OF OIL OR GAS WELL

Company The California Company Address P. O. Box 455
Lease Red Wash Unit Field Red Wash State Utah
Well No. 31 Sec. 22 T. 7S R. 23E Meridian SLB County Uintah
Location 660 ft. [N] of [S] Line and 1980 ft. [E] of [W] Line of Sec. 22 Elevation 5610.2 KB
(Derrick floor relative to sea level)

The information given herein is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed F. L. MERRY
Date December 13, 1954 Title Area Supt

The summary on this page is for the condition of the well at above date.

Commenced drilling December 10, 53 Finished drilling January 21, 1954

OIL OR GAS SANDS OR ZONES

No. 1, from 5482 to 5484 No. 3, from 5510 to 5530
No. 2, from 5493 to 5506 No. 4, from 5611 to 5617
5632 to 5656

IMPORTANT WATER SANDS

No. 1, from 5584 to 5589 No. 3, from to
No. 2, from No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From	Perforated To	Purpose
10 3/4"	40.5	8 rd	Youngstown						
7"	23	8 rd	National	281.24	Howco		5482	5464	Production
			Domestic				5493	5506	
			Japanese	5705.76	Baker		5510	5530	
							5611	5617	
							5632	5656	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	397.44	160 Ideal Common	Halliburton		
7"	5719.81	300 sks. Streta [illegible]	Halliburton		
		125 sks. Ideal Common			

PLUGS AND ADAPTERS

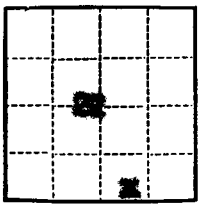
Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

FOLD MARK

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City
Lease No. U-021
Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	X	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah August 7, 1958

Well No. 31 is located 660 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 22

SW¼ SE¼ 22 (¼ Sec. and Sec. No.) | 7S (Twp.) | 23E (Range) | SLBM (Meridian)

Red Wash (Field) | Uintah (County or Subdivision) | Utah (State or Territory)

The elevation of the derrick floor above sea level is 5610 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1. Sand oil squeeze perforations 5656-32, 5617-11, 5530-10, 5506-5496, 5493-76, 5464-42.
2. Set retrievable bridge plug at 5435'.
3. Gun perforate with four 1/2" holes per foot the intervals 5420-24, 5335-11, 5300-5296, 5290-82.
4. Sand oil squeeze the above perforations.
5. Retrieve bridge plug.
6. Re-run tubing and rods and place well on production.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Standard Oil Co. of California, Western Operations, Inc.

Address P. O. Box 455

Vernal, Utah

By C. V. Chatterton

Title District Superintendent

USGS-3, OGCC-2, WBW-1, Gulf-1, Caulkins-1, File-1

GPO 918507

WELL NO.: Red Wash Unit 34-22B(31) PROPERTY: Section 22B RED WASH UNIT

PROGRAM

1. Rig up workover rig, pump in 300 bbls of Rangely crude. Leave pumping unit pumping while displacing.

2. Pull rods. Pump soluble plug down tubing with burner fuel and continue displacing Rangely curde to flow line with 250 bbls burner fuel.

3. Rig up BOPE and pull tubing.

4. Run in with mill shoe on tubing and backscuttle paraffin. Clean out to effective depth of 5665'. Pull out.

5. Sand oil squeeze perforations 5442-5464', 5476-5493', 5496-5506', 5510-5530', 5611-5617', 5632-5656', down the casing using 480 bbls burner fuel mixed with 30,000# 20-40 Ottawa sand (1½#/gal), and 1,000# Adomite (.05#/gal). Use 550 neoprene-nylon balls in five 110 ball batches after each 80 bbls of sand oil mix. Displace sand oil mixture with 215 bbls of burner fuel. (Do not exceed 2800 psi).

6. Clean out to bottom using mill shoe. Backscuttle and save nylon balls.

7. Set Baker Retrievable Bridge Plug at 5435'. Pressure test to 1200 psi with rig pump.

8. Gun perforate the following intervals with 4 - 1/2" bullet holes/foot: 5382-5390', 5396-5400', 5411-5415', and 5424-5428'.

9. Sand oil squeeze the above perforations using 100 bbls burner fuel mixed with 6,300# 20-40 Ottawa sand (1½#/gal), and 200# Adomite (.05#/gal). Use one 30 ball batch of neoprene-nylon balls after pumping 50 bbls of sand oil mix. Displace sand oil mixture with 210 bbls of burner fuel. (Do not exceed 2800 psi.)

10. Backscuttle clean to top of retrievable bridge plug. Retrieve bridge plug.

11. Re-run tubing and hang with PSN at 5471'.

12. Re-run rods and place on production.

WORK DONE

August 13, 1958

R&R Well Service moved on location.

August 14, 1958

Started operations.
Pumped 100 bbls of Rangely crude down casing and could not pump any more. Went to 1000 lbs pressure. Could not circulate through tubing or annulus. Could not pump any fluid down annulus with rig pump so tried Dowell TP pumper. Put 3000 psi on annulus but no fluid went away. Made another attempt to unseat pump and pump down tubing. Able to pump down tubing at about 700 psi. Killed well with Rangely crude and then pumped approximatel 150 bbls burner fuel down tubing and away into formation.

WELL NO.: Red Wash Unit 34-22B(31) PROPERTY: Section 22B RED WASH UNIT

August 15, 1958

Pull production string of rods.
Pumped 50 bbls of burner fuel down tubing.
Installed BOPE.
Pulled on tubing.
Tubing stuck in parrifin bridge. Pulled on tubing with 80,000 lbs strain.

August 17, 1958

Finished pulling tubing. Well blew through casing.
Put on mill shoe and tagged parrifin bridge at 1800'.
Drilled to 1890' getting back returns of heavy parrifin.

August 18, 1958

Drilled on parrifin bridge from 1890-2400' getting returns heavy parrifin. Had trouble with kelly plugging.

August 19, 1958

Drilled on parrifin bridge from 2400' to 3150' getting returns of heavy parrifin.

August 20, 1958

Drilled on parrifin bridge from 3150' to 3680' bottom of bridge.
Tagged fillup at 5654'.
Cleaned out to 5665'.

August 21, 1958

Installed Bowden Head.
Sand oil squeezed by Braden Head method perforated intervals 5442-5464', 5476-5493', 5496-5506', 5510-5530', 5611-5617', 5632-5656', using 3 Dowell Allison pumpers. Squeezed with 480 bbls burner fuel mixed with 30,000 lbs (1½#/gal) 20-40 Ottawa sand and 1000 lbs Adomite (.05#/gal). Brokedown formation with 29 bbls oil at 1900 psi. Started sand in at 2000 psi and pumped sand oil slurry 14 minutes. Injected 5 batches of 110 neoprene-nylo balls after each 80 bbls. Flushed casing with 215 bbls burner fuel. Squeezing rate 32 BPM. Maximum pressure 1950 psi at end and flush. Minimum pressure 1600 psi.
Tagged fillup at 5638' to 5665' (27' of fill).
Set Baker Retrievable Bridge Plug at 5435'.

August 22, 1958

On August 21, 1958 ran Baker Retrievable Bridge Plug to 5435' on tubing and set.
On August 22, 1958 McCullough went in hole to perforate and found bridge plug 49' high at 5386'. Pulled out of hole and ran in with Baker Setting Nipple on tubing. Picked upplug and reset at 5433'. Required 10,000# weight to move plug down hole. Tested casing to 1200 psi.
McCullough rigged up to perforate. Ran in with gun and using Sonic Collar Locator. Checked casing collars 2' higher than McCullough Gamma Collar Loactor Log. Gamma log correlated 2' high with Schlumberger Electric Log so shot all holes at indicated depth 4' higher than Schlumberger measurements. Gun perforated with 4 - 1/2" bullets per

WELL NO.: Red Wash Unit 34-22B(31) PROPERTY: Section 22B RED WASH UNIT

foot the following intervals: 5382-5390', 5396-5400', 5411-5415', 5424-5428' all Schlumberger measurements.

August 23, 1958

Installed Braden Head
Attempted sand oil squeeze using Dowell equipment and Braden Head method. Could not get breakdown through new perforations. Made four attempts to 2800 psi with out effect. concluded that bullets ahd not penetrated pipe and/or formation. Released Dowell and R&R crew until 7:00 AM, August 24, 1958. Waiting on BJ Service.

August 24, 1958

Gun perforated using BJ Service Inc. four ½" holes per foot in the following intervals: 5382-5390', 5396-5400', 5411-5415', 5424-5428' (Schlumberger measurements). Checked all collars 4' higher than McCullough Collar Locator Log so shot holes at indicated depth 6' higher than Schlumberger Log.

August 25, 1958

Sand oil squeezed by Braden Head method perforated intervals 5382-5390', 5396-5400', 5411-5415', 5424-5428' using 3 Dowell Allison pumpers. Squeezed with 60 bbls burner fuel cut with 30% Rangely crude mixed with 3300 lbs (1½#/gal) 20-40 Ottawa sand and 120 lbs Adomite. Before fracing circulated burner fuel out of hole with 30% Rangely crude cut burner fuel and got breakdown through tubing at 2600 psi. Pumped oil at 2700 psi and 4 BPM rate. Four hours later started sand oil squeeze as follows: Breakdown 2050 psi. Started sand oil slurry 2300 psi and dropped 30 balls after 50 bbls sand oil slurry. Pumped remainder of sand (About 3000 lbs then balls hit perforations and pressure went to 2800 psi. Stopped pumping. Just before all sand had been pumped in well head leaked so shut down 5 minutes to lighten. After balls hit bled off 4 times and repressured but b balls did not unseat. Average injection rate 25 BPM. Ran in hole and found fill up at 5352', 83' above where retrievable bridge plug should have been.

August 26, 1958

Drilled on fill to 5417' and could not make any more progress. At approximately 5411'. Kelly jumped as though drilling on bullets and/or burrs. Drilled at 5411 about 1 hours. pulled up and then set down. Took weight at 5400 and 5390. Pulled out of hole and found bridge plug fishing neck stuck in mill shoe sub. Bridge plug as 13' high. Probable explaination is that while running in open end tubing on August 25, 1958 to change hole fluid the tubing measurements were in error and tubing engaged fishing neck long enough to pull up hole. This being the case the perforations 5424-5428' have not been squeezed. Bottom joint of tubing above mill shoe was polished and scratched. Ran tubing production String.

August 27, 1958

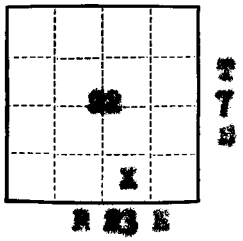
Ran rods and pump.
Rig moved out.

R. D LOCKE

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City
Lease No. U-[illegible]
Unit Red Wash



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	X	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah November 8, 19 61

Well No. (34-22B) 31 is located 660 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 22

SW 1/4 SE 1/4 22 (¼ Sec. and Sec. No.) | 7S (Twp.) | 23E (Range) | SLBM (Meridian)

Red Wash (Field) | Uintah (County or Subdivision) | Utah (State or Territory)

The elevation of the Kelly Bushing above sea level is 5610 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is proposed to:
1. Cut 6 holes interval 5579-80' with hydraulic notching tool.
2. Hand-water frac interval 5579-5595'.
3. Set magnesium bridge plug at 5540'.
4. Perforate interval 5510-30' with 100 sacks latex cement.
5. Drill out cement to 5535'.
6. Hand-water frac interval 5388-5489'.
7. Drill out cement, sand, and bridge plug to 5665'.
8. Return well to production.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company California Oil Company, Western Division

Original Signed by
R. W. PATTERSON

Address P. O. Box 455

Vernal, Utah

By R. W. PATTERSON

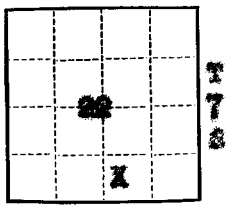
Title Field Superintendent

USGS, SLC-3; OGCC, SLC-1; Calf, Denver-1; Conline-1; SLO-1; File-1

GPO 862040

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-061
Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	X
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah February 9, 19 62

Well No. (34-22B) 31 is located 660 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 22

SW 1/4 SE 1/4 22 (¼ Sec. and Sec. No.) | 7S (Twp.) | 23E (Range) | SLBM (Meridian)

Red Wash (Field) | Uintah (County or Subdivision) | Utah (State or Territory)

The elevation of the Kelly Bushing above sea level is 5610 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1. Cut 8 holes interval 5579-80 with hydraulic notching tool.
2. Sand water fraced interval 5579-5595'.
3. Set Magnesium bridge plug at 5565'.
4. Reperforated interval 5478-5530' with 100 shots of Latex Base cement.
5. Drilled out to 5494. Cut vertical notches 5491-89 and 5482-80'.
6. Sand water fraced interval 5388-5491'.
7. Drilled out cement, sand and bridge plug to 5665'.
8. Returned well to production.

	Production Before	After 1-24
Oil	6	
Water	0	8
Gas	710	901

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company California Oil Company, Western Division

Address P. O. Box 455

Vernal, Utah

Original Signed by
R. W. PATTERSON

By R. W. PATTERSON

Title Field Superintendent

USGS, SLC-3; OGCC, SLC-1; Conklin-1; Calf, Denver-1; RLC-1; File-1

GPO 862040

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

5. LEASE DESIGNATION AND SERIAL NO.: U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Red Wash

2. NAME OF OPERATOR: Chevron Oil Company, Western Division

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: P. O. Box 455, Vernal, Utah 84078

9. WELL NO.: Unit #31 (34-22B)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

660' FSL and 1980' FEL of Sec. 22, T7S, R23E, SLBM

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 22, T7S, R23E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB - 5610

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) Expose Add'l Sand & Tbg Frac			[X]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

It is proposed to expose additional sand and tubing frac subject well as follows:

1. Perforate the K_P (5497-5505), (5509-5515) and (5523-5530'), L (5543-5548) and L_B (5589-5592') w/ 2 deep penetrating jets/ft.

2. RIH w/ pkr, RBP and CL. Selectively pump into and breakdown all perfs in well w/ RC. If breakdown indicates tight formations then consider fracturing.

3. Straddle L_B perfs 5589-5592 and swab test to determine if zone is water productive. If water productive, exclude w/ cement.

4. If swab testing indicates oil capacity, tubing frac perfs 5589-5592' (L_B). Circulate down and retrieve RBP.

5. RIH w/ production string tubing. Run pump and rods.

Present Production: 50 BOPD, 614 MCFD, 4 BWPD

18. I hereby certify that the foregoing is true and correct

SIGNED Original Signed by R. W. PATTERSON R. W. PATTERSON TITLE Unit Superintendent DATE 12-20-68

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS, SLC-3; O&GCC,SLC-2; Gulf, Okla. City-1; Gulf, Casper-1; Caulkins-1; Humble, Denver-1; File-1

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR
Chevron Oil Company, Western Division

3. ADDRESS OF OPERATOR
P. O. Box 455, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' FSL and 1980' FEL of Sec. 22, T7S, R23E, SLBM

5. LEASE DESIGNATION AND SERIAL NO.
U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
Unit #31 (34-22B)

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 22, T7S, R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB - 5610'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Expose Addl Sand			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

The following work was completed on subject well as of 2-8-69:

1. Perforated at 5497-5505, 5509-15, 5523-30, 5543-48, and 5589-92' w/ 2 - 4" jets/ft.

2. Brokedown all perforations in well w/ Rangely crude. Blanks 5515-23 and 5491-97' communicated. Acidized perfs 5523-30, 5509-15 and 5505-5497' w/ 250 gals 15% HCl.

3. Swab tested perf 5589-92'.

4. RIH w/ production string, rods and pump.

Prior Production: 50 BOPD, 614 MCFD, 4 BWPD
Production After: 140 BOPD, 448 MCFD, 12 BWPD

18. I hereby certify that the foregoing is true and correct

SIGNED R. W. PATTERSON TITLE Unit Superintendent DATE 3-21-69

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS, SLC-3; O&GCC, SLC-2; Gulf, Okla. City-1; Gulf, Casper-1; Caulkins-1; Humble, Denver-1; File

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: Red Wash

2. NAME OF OPERATOR: Chevron Oil Company - Western Division

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: P. O. Box 599 Denver, Colorado 80201

9. WELL NO.: Unit 31 (34-22B)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FSL & 1980' FEL

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: S 22, T7S, R23E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 5610

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE	X	ABANDON*		SHOOTING OR ACIDIZING		ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(Other)							

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

1. Perf the following intervals w/2 premium jets/ft: 5583-89', 5576-81', 5486-93', 5475-84', 5396-5401' and 5382-90'. Casing collars located @ 5284', 5326+', 5369½', 5414', 5455', 5498½', 5542', 5583½' and 5628' E-log depths.

2. Straddle the following intervals and acidize w/inhibited 15% HCl:

Interval	Acid Volume
5632-56'	720 gal
5475-5530'	900 gal
5382-5401'	270 gal

APPROVED BY DIVISION OF OIL & GAS CONSERVATION
DATE 1-29-74
BY C. B. Feight

3. Straddle the following intervals individually and pump into w/Rangely crude to insure perfs are open: 5611-17', 5576-92', 5442-64', 5424-28' and 5411-15'.

4. RIH w/production tubing and land near original depth.

USGS 3
STATE 2
PARTNERS 4
FIELD 1
FILE 1

18. I hereby certify that the foregoing is true and correct

SIGNED J. W. Greer TITLE J. W. GREER Division Drlg. Supt. DATE 1-9-74

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR
Chevron Oil Company - Western Division

3. ADDRESS OF OPERATOR
P. O. Box 599 Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' FSL & 1980' FEL

5. LEASE DESIGNATION AND SERIAL NO.
U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
Unit 31 (34-22B)

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
S 22, T7S, R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 5610'

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

1. Pulled rods, pump & tbg.
2. Perforated the following zones w/2 jets/ft. 5576-81, 5583-89, 5475-84, 5486-93, 5382-90, 5396-5401.
3. Acidized as follows:

Interval	Amt 15% HCl	Rate	Press	ISI
5632-56	720 gal	1 BPM	0 psi	Vac
5475-5530	900 gal	1 BPM	0 psi	Vac
5382-5401	270 gal	1 BPM	500 psi	Vac

4. Straddled the following intervals and pumped into w/Rangely crude to insure they are open:

Interval	Amt	Rate	Press	ISI
5611-17	11 bbls	4 BPM	2600 psi	1800 psi
5576-92	16 bbls	4 BPM	2800 psi	1200 psi
5442-64	40 bbls		0 psi	Communicated
5428-11	27 bbls	5 BPM	1300 psi	500 psi

5. Ran 2-7/8" tbg to 5661.99'. Ran rods & pump.

Production Prior to Workover: 25 BOPD
Production After Workover: 107 BOPD, 41 BWPD
Work Started: 2-12-74
Work Completed: 2-16-74

0595 (3)
STATE (2)
PARTNERS (4)
FILE (2)

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE R. B. WACKER Div. Drlg. Supt. DATE 4-9-74

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 3160-5
November 1983)
Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

15

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
APR 19 1988
DIVISION OF OIL, GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Chevron U.S.A. Inc., Room 11111

3. ADDRESS OF OPERATOR: P. O. Box 599, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 660' FSL 1,980' FEL SWSE

5. LEASE DESIGNATION AND SERIAL NO.: U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Red Wash Unit

8. FARM OR LEASE NAME: Red Wash

9. WELL NO.: 31 (34-22B)

10. FIELD AND POOL, OR WILDCAT: Red Wash-Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 22, T7S, R22E 23

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

14. PERMIT NO.: 43-047-15158

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 5,610'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RWU #31 was perforated and acidized as follows:

1. MIRU Gudac #1 3/31/88. ND wellhead. NU BOPE and test.
2. Pulled production equipment.
3. CO to PBTD at 5,650'.
4. Perforate 4,482'-90' (F_r), 4,876'-82' (H_f), and 5,068'-72' (I_d) with 4" casing guns, 4 SPF, 90° phasing.
5. Acidized perfs 5,068'-72' (I_d) with 250 gals. 15% HCL with additives.
6. Swab test perfs 5,068'-72' (I_d).
7. Reacidized perfs 5,068'-72' (I_d) with 2,000 gals. 15% HCL with additives.
8. Swab test perfs 5,068'-72' (I_d).
9. Acidized perfs 4,876'-82' (H_f) with 2,000 gals. 15% HCL with additives.
10. Swab test perfs 4,876'-82' (H_f).
11. Acidized perfs 4,482'-90' (F_r) with 500 gals. 15% HCL with additives.
12. Swab test perfs 4,482'-90' (F_r).
13. Selectively scale inhibitor squeezed perfs 4,482'-90' (F_r), 4,876'-82' (H_f) and 5,068'-72' (I_d).
14. Ran production equipment.
15. ND BOPE. NU wellhead.
16. RDMO. TWOTP.

3 - BLM
3 - State
2 - Partners
1 - EEM
1 - MKD
3 - Drlg.
1 - PLM
1 - Sec. 724-C
1 - File

18. I hereby certify that the foregoing is true and correct

SIGNED J.R. Watson TITLE Technical Assistant DATE April 12, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

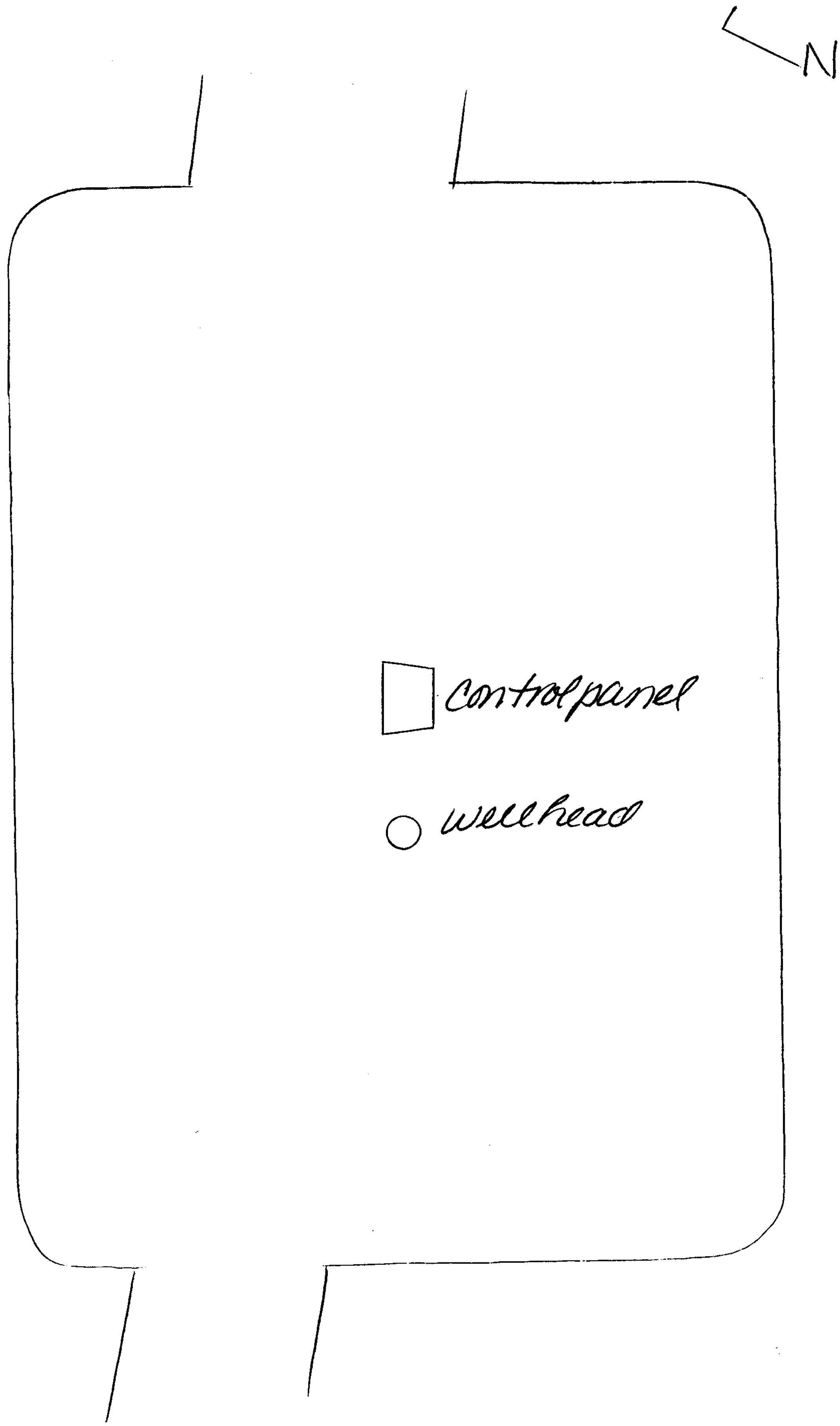
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

54

RWU 31 | 34-22 | Sec 22 T7S0, R23E | C[illegible] by 10/17/88



Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED
SEP 17 1993
DIVISION OF
OIL, GAS & MINING

5. Lease Designation and Serial No.
U-081

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Red Wash Unit

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
RWU #31 (34-22B)

2. Name of Operator
Chevron U.S.A. Inc.

9. API Well No.
43-047-15158

3. Address and Telephone No.
P.O. Box 455, Vernal, Utah 84078 (801) 789-2442

10. Field and Pool, or Exploratory Area
Red Wash-Grn. River

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL, 1980' FEL, SEC. 22-T7S-~~R22E~~ R23E

11. County or Parish, State
Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Shut-In	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This well is shut-in due to uneconomic production rates.

14. I hereby certify that the foregoing is true and correct
Signed Dana Rough Title Oper. Assistant Date 09/14/93

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____
Conditions of approval, if any:

FVLARB-5.BLM (JRL #2)

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP - 1
DIV. OF OIL, GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.
U-081

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
RED WASH UNIT

1. Type of Well
Oil [X] Well Gas [ ] Well [ ] Other

8. Well Name and No.
RWU #31 (34-22B)

2. Name of Operator
CHEVRON U.S.A. PRODUCTION COMPANY

9. API Well No.
43-047-15158

3. Address and Telephone No.
11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302

10. Field and Pool, or Exploratory Area
RED WASH-GRN. RIVER

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL, 660' FWL, SEC. 22, T7S/R23E

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Well Status**	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

TA approval is requested for this well, which is believed to have gas recompletion potential. Gas potential will be tested sometime during the next five years.

14. I hereby certify that the foregoing is true and correct
Signed [signature] Title **Operations Assistant** Date **08/30/94**

(This space for Federal or State office use)

Approved by: Title Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See instruction on Reverse Side**

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP - 1
DIV. OF OIL, GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.
U-081

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
RED WASH UNIT

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
RWU #31 (34-22B)

2. Name of Operator
CHEVRON U.S.A. PRODUCTION COMPANY

9. API Well No.
43-047-15158

3. Address and Telephone No.
11002 EAST 17500 SOUTH. VERNAL, UT 84078-8526 (801) 781-4302

10. Field and Pool, or Exploratory Area
RED WASH-GRN. RIVER

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL, 660' FWL, SEC. 22, T7S/R23E

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Well Status	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

TA approval is requested for this well, which is believed to have gas recompletion potential. Gas potential will be tested sometime during the next five years.

14. I hereby certify that the foregoing is true and correct
Signed [signature] Title **Operations Assistant** Date **08/30/94**

(This space for Federal or State office use)

Approved by: Title Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See instruction on Reverse Side**

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
DEC 7 1994
DIV OF OIL, GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.: U-081

6. If Indian, Allottee or Tribe Name:

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation: **RED WASH UNIT**

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: **RWU #31 (34-22B)**

2. Name of Operator: **CHEVRON U.S.A. PRODUCTION COMPANY**

9. API Well No.: **43-047-15158**

3. Address and Telephone No.: **11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302**

10. Field and Pool, or Exploratory Area: **RED WASH-GRN. RIVER**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FEL
660' FSL, ~~660'~~ FWL, SEC. 22, T7S/R23E, SW/SE

11. County or Parish, State: **UINTAH, UTAH**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[X] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[X] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

We propose to recomplete the subject well as follows:

1. **MIRU.**
2. **Release tubing anchor and TOH.**
3. **Clean out to 5380'.**
4. **Set CIBP at 5375'. TIH with packer and tubing hydrotesting to 5000 PSI. Set packer at 4450'.**
5. **Perforate the following zones with 4 JSPF: 4522-4525' (G), 4535-4540' (Ga), 4578-4582' (Gg), 4585-4589' (Gh), 4682-4688' (Gq) 4725-4729' (H), 4738-4745' (Ha), 4794-4798' (Hb), 4804-4807' (Hc), 4811-4817' (Hc), 4848-4852' (He), 4961-4967' (I), 4977-4984' (Ib), 5005-5017' (Ic), 5329-5334' (K).**
6. **Swab/flow test well.**
7. **RDMO.**

14. I hereby certify that the foregoing is true and correct
Signed Laura Bruce Title **Operations Assistant** Date **12/5/94**

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See instruction on Reverse Side**

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
FEB - 2 1995
DIV OF OIL, GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.
U-081

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
RED WASH UNIT

1. Type of Well
Oil Well [X] Gas Well [ ] Other [ ]

8. Well Name and No.
RWU #31 (34-22B)

2. Name of Operator
CHEVRON U.S.A. PRODUCTION COMPANY

9. API Well No.
43-047-15158

3. Address and Telephone No.
11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302

10. Field and Pool, or Exploratory Area
RED WASH-GRN. RIVER

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL, ~~660' FWL~~ 1980' FEL, SEC. 22, T7S/R23E, SW/SE

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[X] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[X] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

The following work was completed between 1/10/95 and 1/16/95:

1. **MIRU.**
2. **Released tubing anchor and TOH.**
3. **Set CIBP at 5375'.**
4. **TIH with packer and set at 4456'.**
5. **Perforate the following zones with 4 JSPF: 5329-5334' (K), 5005-5017' (Ic), 4977-4984' (Ib), 4961-4967' (I), 4848-4852' (He), 4811-4817' (Hc), 4804-4807' (Hc), 4794-4798' (Hb), 4738-4745' (Ha), 4725-4729' (H), 4682-4688' (Gq), 4585-4589' (Gh), 4578-4582' (Gg), 4535-4540' (Ga), 4522-4525' (G).**
6. **Swab/flow test well.**
7. **RDMO.**

14. I hereby certify that the foregoing is true and correct.
Signed Donna Prough Title **Operations Assistant** Date **1/31/95**

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See instruction on Reverse Side**

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
   Oil Well [ ] Gas Well [ ] Other [X] MULTIPLE WELLS SEE ATTACHED LIST
2. Name of Operator
   CHEVRON U.S.A. INC.
3. Address and Telephone No
   11002 E. 17500 S. VERNAL, UT 84078-8526 **(801) 781-4300**
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5. Lease Designation and Serial No.
6. If Indian, Allottee or Tribe Name
   N/A
7. If Unit or CA, Agreement Designation
   RED WASH UNIT
   I-SEC NO 761
8. Well Name and No.
9. API Well No.
10. Field and Pool, or Exploratory Area
    RED WASH - GREEN RIVER
11. County or Parish, State
    UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **CHANGE OF OPERATOR**	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

As of January 1, 2000 Chevron U.S.A. INC. resigns as Operator of the Red Wash Unit.
The Unit Number is I-SEC NO 761 effective October 31, 1950.

The successor operator under the Unit Agreement will be
Shenandoah Energy Inc.
475 17th Street, Suite 1000
Denver, CO 80202

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.
By: _____
Mitchell L. Solich
President

RECEIVED
DEC 30 1999
DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed **A. E. Wacker** A. E. Wacker Title **Assistant Secretary** Date **12/29/99**

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See instruction on Reverse Side**

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING		
1. GLH		4-KAS
2. CDW ✓		5-SJ ✓
3. JLT		6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold) — Designation of Agent

Operator Name Change (Only) — Merger

The operator of the well(s) listed below has changed, effective: **01-01-2000**

FROM: (Old Operator):
CHEVRON USA INC
Address: 11002 E. 17500 S.
VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300
Account No. N0210

TO: (New Operator):
SHENANDOAH ENERGY INC
Address: 11002 E. 17500 S.
VERNAL, UT 84078

Phone: 1-(435)-781-4300
Account N4235

CA No. **Unit:** **RED WASH**

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
RWU 293 (22-22A)	43-047-31581	5670	22-07S-22E	FEDERAL	OW	TA
RWU 30 (23-13B)	43-047-15157	5670	13-07S-23E	FEDERAL	GW	TA
RWU 297 (24-15B)	43-047-31579	5670	15-07S-23E	FEDERAL	OW	P
RWU 301 (43-15B)	43-047-31682	5670	15-07S-23E	FEDERAL	GW	P
RWU 303 (34-17B)	43-047-31819	5670	17-07S-23E	FEDERAL	OW	P
RWU 299 (32-18B)	43-047-33018	5670	18-07S-23E	FEDERAL	OW	P
RWU 295 (11-22B)	43-047-31577	5670	22-07S-23E	FEDERAL	GW	S
RWU 31 (34-22B)	43-047-15158	5670	22-07S-23E	FEDERAL	OW	P
RWU 290 (12X-23B)	43-047-31515	5670	23-07S-23E	FEDERAL	OW	PA
RWU 291 (22X-23B)	43-047-31516	5670	23-07S-23E	FEDERAL	OW	PA
RWU 29 (32-23B)	43-047-15156	5670	23-07S-23E	FEDERAL	OW	P
RWU 292 (42-23B)	43-047-31576	5670	23-07S-23E	FEDERAL	GW	TA
RWU 3 (34-23B)	43-047-15136	5670	23-07S-23E	FEDERAL	OW	P
RWU 289 (13-24B)	43-047-31517	5670	24-07S-23E	FEDERAL	OW	P
RWU 302 (22-24B)	43-047-31683	5670	24-07S-23E	FEDERAL	GW	S
RWU 298 (22-27B)	43-047-31679	5670	27-07S-23E	FEDERAL	OW	TA
RWU 296 (12-35B)	43-047-31578	5670	35-07S-23E	FEDERAL	OW	P
RWU 307	43-047-32632	5670	16-07S-24E	STATE	GW	PA
RWU 294 (24-18C)	43-047-31582	5670	18-07S-24E	FEDERAL	GW	P
RWU 306	43-047-32629	5670	23-07S-24E	FEDERAL	GW	P
RWU 308	43-047-32627	5670	28-07S-24E	FEDERAL	GW	PA
RWU 305 (41-4F)	43-047-32538	5670	04-08S-24E	FEDERAL	GW	TA

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12-30-1999

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08-09-2000

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 08-23-2000

4. Is the new operator registered in the State of Utah: YES Business Number: 224885

5. If **NO**, the operator was contacted contacted on: _____

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC") Pro** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 09/20/2000

2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 09/20/2000

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 159261960

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
   The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 03-09-01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED
FEB 07 2000
DIVISION OF
OIL, GAS AND MINING

IN REPLY REFER TO
UT-931

February 4, 2000

Shenandoah Energy Inc.
Attn: Rae Cusimano
475 17th Street, Suite 1000
Denver, Colorado 80202

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Red Wash Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:2/4/00

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
UTU081	4304715152	24 (34-14B) RED WASH	SWSE	14	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304730344	240 (12-36B) RED WAS	SWNW	36	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304730345	241 (22-14B) RED WAS	SENW	14	T 7S	R23E	PGW	CHEVRON U S A INCORPORATED
UTU081	4304730346	242 (42-13B) RED WAS	SENE	13	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU02148	4304730347	243 (42-18C) RED WAS	SENE	18	T 7S	R24E	POW	CHEVRON U S A INCORPORATED
UTU02149	4304730348	244 (23-19C) RED WAS	NESW	19	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
~~UTSL071964~~	~~4304730349~~	~~245 (14-30C) RED WAS~~	~~SWSW~~	~~30~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
UTU02148	4304730387	246 (22-18C) RED WAS	SENW	18	T 7S	R24E	POW	CHEVRON U S A INCORPORATED
UTU02148	4304730388	247 (22-17C) RED WAS	SENW	17	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
~~UTU02149~~	~~4304730389~~	~~248 (43-20C) RED WAS~~	~~NESE~~	~~20~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
UTU082	4304716476	25 (23-23B) RED WASH	NESW	23	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
~~UTSL071965~~	~~4304730391~~	~~250 (41-29C) RED WAS~~	~~NENE~~	~~29~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
~~UTU0559~~	~~4304730457~~	~~257 (21-23A) RED WAS~~	~~NENW~~	~~23~~	~~T 7S~~	~~R22E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
UTU0559	4304730458	258 (34-22A) RED WAS	SWSE	22	T 7S	R22E	WIW	CHEVRON U S A INCORPORATED
STATE	4304732785	259	SWSW	16	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304715153	26 (23-22B) RED WASH	NESW	22	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
STATE	4304732786	260	SWSE	16	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304730517	262 (22-26B) RED WAS	SENW	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304730518	263 (24-26B) RED WAS	SESW	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304730519	264 (31-35B) RED WAS	NWNE	35	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU0566	4304730520	265 (44-26B) RED WAS	SESE	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304730521	266 (33-26B) RED WAS	NWSE	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0116	4304732981	267	SWNE	17	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304730522	269 (13-26B) RED WAS	NWSW	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715154	27 (43-14B) RED WASH	NESE	14	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304731082	270 (22-35B) RED WAS	SENW	35	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304731081	271 (42-35B) RED WAS	SENE	35	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304731054	272 (44-23B) RED WAS	SESE	23	T 7S	R23E	PGW	CHEVRON U S A INCORPORATED
UTU0566	4304731051	273 (42-27B) RED WAS	SENE	27	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
~~UTU0823~~	~~4304731083~~	~~274 (13-25B) RED WAS~~	~~NWSW~~	~~25~~	~~T 7S~~	~~R23E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
UTU0566	4304731077	275 (31-26B) RED WAS	NENW	26	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU0566	4304731053	276 (44-27B) RED WAS	SESE	27	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304731076	278 (11-26B) RED WAS	NWNW	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
STATE	4304731052	279 (11-36B) RED WAS	NWNW	36	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU081	4304715155	28 (43-22B) RED WASH	NESE	22	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304731079	280 (11-35B) RED WAS	NWNW	35	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
~~UTU0823~~	~~4304731078~~	~~281 (11-25B) RED WAS~~	~~NWNW~~	~~25~~	~~T 7S~~	~~R23E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
UTU0566	4304731080	282(42-26B) RED WAS	SENE	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0116	4304732982	283	NESE	18	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU082	4304731476	284 (33-23B) RED WAS	NWSE	23	T 7S	R23E	PGW	CHEVRON U S A INCORPORATED
UTU082	4304731477	285 (11-24B) RED WAS	NWNW	24	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0567	4304731478	286 (42-21B) RED WAS	SENE	21	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304731512	287 (44-13B) RED WAS	SESE	13	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304731513	288 (24-27B) RED WAS	SESW	27	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304731517	289 (13-24B) RED WAS	NWSW	24	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU082	4304715156	29 (32-23B) RED WASH	SWNE	23	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
~~UTU082~~	~~4304731515~~	~~290 (12X-23B) RED WA~~	~~SWNW~~	~~23~~	~~T 7S~~	~~R23E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
~~UTU082~~	~~4304731516~~	~~291 (22X-23B) RED WA~~	~~SENW~~	~~23~~	~~T 7S~~	~~R23E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
UTU082	4304731576	292 (42-23B) RED WAS	SENE	23	T 7S	R23E	TA	CHEVRON U S A INCORPORATED

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
UTU0559	4304731581	293 (22-22A) RED WAS	SENW	22	T 7S	R22E	OSI	CHEVRON U S A INCORPORATED
UTU02148	4304731582	294 (24-18C) RED WAS	SESW	18	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU081	4304731577	295 (11-22B) RED WAS	NWNW	22	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304731578	296 (12-35B) RED WAS	SWNW	35	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304731579	297 (24-15B) RED WAS	SESW	15	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304731679	298 (22-27B) RED WAS	SENW	27	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0116	4304733018	299	SWNE	18	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU082	4304715136	3 (34-23B) RED WASH	SWSE	23	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304715157	30 (23-13B) RED WASH	NESW	13	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304731682	301 (43-15B) RED WAS	NESE	15	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304731683	302 (22-24B) RED WAS	SENW	24	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0116	4304731819	303 (34-17B) RED WAS	SWSE	17	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0830	4304732538	305	NENE	4	T 8S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU093	4304732629	306	NESW	23	T 7S	R24E	POW	CHEVRON U S A INCORPORATED
~~STATE~~	~~4304732632~~	~~307~~	~~SWSW~~	~~16~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
~~UTSL071965~~	~~4304732627~~	~~308~~	~~SESW~~	~~28~~	~~T 7S~~	~~R24E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
UTU081	4304715158	31 (34-22B) RED WASH	SWSE	22	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
~~UTSL071965~~	~~4304732628~~	~~311~~	~~NESW~~	~~26~~	~~T 7S~~	~~R24E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
~~UTSL071963~~	~~4304732595~~	~~312~~	~~SWNE~~	~~34~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
~~UTU02149~~	~~4304732630~~	~~313~~	~~NESW~~	~~20~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
~~UTSL071965~~	~~4304732626~~	~~314~~	~~SESW~~	~~29~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
UTU081	4304715160	33 (14-14B) RED WASH	SWSW	14	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715161	34 (23-14B) RED WASH	NESW	14	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU081	4304715162	35 (43-13B) RED WASH	NESE	13	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715163	36 (32-13B) RED WASH	SWNE	13	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
~~UTU0823~~	~~4304715164~~	~~37 (41-25B) RED WASH~~	~~NENE~~	~~25~~	~~T 7S~~	~~R23E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
UTU082	4304715165	38 (14-23B) RED WASH	SWSW	23	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0561	4304715166	39 (14-24A) RED WASH	SWSW	24	T 7S	R22E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715137	4 (41-22B) RED WASH	NENE	22	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304715167	40 (21-24B) RED WASH	NENW	24	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304715168	41 (34-13B) RED WASH	SWSE	13	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTSL071965	4304715169	42 (21-29C) RED WASH	NENW	29	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU0116	4304715170	43 (12-17B) RED WASH	SWNW	17	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0829	4304715171	44 (32-33C) RED WASH	SWNE	33	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU02030	4304715172	45 (23-30B) RED WASH	NESW	30	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU080	4304715173	46 (41-21C) RED WASH	NENE	21	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU02030	4304715174	48 (32-19B) RED WASH	SWNE	19	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU02025	4304715175	49 (12-29B) RED WASH	SWNW	29	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304715138	5 (41-23B) RED WASH	NENE	23	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0559	4304715176	50 (14-23A) RED WASH	SWSW	23	T 7S	R22E	POW	CHEVRON U S A INCORPORATED
STATE	4304715177	51 (12-16B) RED WASH	SWNW	16	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0116	4304715178	52 (14-18B) RED WASH	SWSW	18	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0561	4304715179	53 (41-25A) RED WASH	NENE	25	T 7S	R22E	POW	CHEVRON U S A INCORPORATED
~~UTU0559~~	~~4304715181~~	~~55 (41-21A) RED WASH~~	~~NENE~~	~~21~~	~~T 7S~~	~~R22E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
UTU02030	4304715182	56 (41-28B) RED WASH	NENE	28	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU02148	4304715183	57 (12-18C) RED WASH	SWNW	18	T 7S	R24E	POW	CHEVRON U S A INCORPORATED
UTU082	4304716477	59 (12-24B) RED WASH	SWNW	24	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU0567	4304716482	6 (41-21B) RED WASH	NENE	21	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU02025	4304715184	60 (43-30B) RED WASH	NESE	30	T 7S	R23E	TA	CHEVRON U S A INCORPORATED

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
UTU0559	4304731581	293 (22-22A) RED WAS	SENW	22	T 7S	R22E	OSI	CHEVRON U S A INCORPORATED
UTU02148	4304731582	294 (24-18C) RED WAS	SESW	18	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU081	4304731577	295 (11-22B) RED WAS	NWNW	22	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304731578	296 (12-35B) RED WAS	SWNW	35	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304731579	297 (24-15B) RED WAS	SESW	15	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304731679	298 (22-27B) RED WAS	SENW	27	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0116	4304733018	299	SWNE	18	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU082	4304715136	3 (34-23B) RED WASH	SWSE	23	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304715157	30 (23-13B) RED WASH	NESW	13	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304731682	301 (43-15B) RED WAS	NESE	15	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304731683	302 (22-24B) RED WAS	SENW	24	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0116	4304731819	303 (34-17B) RED WAS	SWSE	17	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0830	4304732538	305	NENE	4	T 8S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU093	4304732629	306	NESW	23	T 7S	R24E	POW	CHEVRON U S A INCORPORATED
~~STATE~~	~~4304732632~~	~~307~~	~~SWSW~~	~~16~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
~~UTSL071965~~	~~4304732627~~	~~308~~	~~SESW~~	~~28~~	~~T 7S~~	~~R24E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
UTU081	4304715158	31 (34-22B) RED WASH	SWSE	22	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
~~UTSL071965~~	~~4304732628~~	~~311~~	~~NESW~~	~~26~~	~~T 7S~~	~~R24E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
~~UTSL071963~~	~~4304732595~~	~~312~~	~~SWNE~~	~~34~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
~~UTU02149~~	~~4304732630~~	~~313~~	~~NESW~~	~~20~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
~~UTSL071965~~	~~4304732626~~	~~314~~	~~SESW~~	~~29~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
UTU081	4304715160	33 (14-14B) RED WASH	SWSW	14	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715161	34 (23-14B) RED WASH	NESW	14	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU081	4304715162	35 (43-13B) RED WASH	NESE	13	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715163	36 (32-13B) RED WASH	SWNE	13	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
~~UTU0823~~	~~4304715164~~	~~37 (41-25B) RED WASH~~	~~NENE~~	~~25~~	~~T 7S~~	~~R23E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
UTU082	4304715165	38 (14-23B) RED WASH	SWSW	23	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0561	4304715166	39 (14-24A) RED WASH	SWSW	24	T 7S	R22E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715137	4 (41-22B) RED WASH	NENE	22	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304715167	40 (21-24B) RED WASH	NENW	24	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304715168	41 (34-13B) RED WASH	SWSE	13	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTSL071965	4304715169	42 (21-29C) RED WASH	NENW	29	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU0116	4304715170	43 (12-17B) RED WASH	SWNW	17	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0829	4304715171	44 (32-33C) RED WASH	SWNE	33	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU02030	4304715172	45 (23-30B) RED WASH	NESW	30	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU080	4304715173	46 (41-21C) RED WASH	NENE	21	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU02030	4304715174	48 (32-19B) RED WASH	SWNE	19	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU02025	4304715175	49 (12-29B) RED WASH	SWNW	29	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304715138	5 (41-23B) RED WASH	NENE	23	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0559	4304715176	50 (14-23A) RED WASH	SWSW	23	T 7S	R22E	POW	CHEVRON U S A INCORPORATED
STATE	4304715177	51 (12-16B) RED WASH	SWNW	16	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0116	4304715178	52 (14-18B) RED WASH	SWSW	18	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0561	4304715179	53 (41-25A) RED WASH	NENE	25	T 7S	R22E	POW	CHEVRON U S A INCORPORATED
~~UTU0559~~	~~4304715181~~	~~55 (41-21A) RED WASH~~	~~NENE~~	~~21~~	~~T 7S~~	~~R22E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
UTU02030	4304715182	56 (41-28B) RED WASH	NENE	28	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU02148	4304715183	57 (12-18C) RED WASH	SWNW	18	T 7S	R24E	POW	CHEVRON U S A INCORPORATED
UTU082	4304716477	59 (12-24B) RED WASH	SWNW	24	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU0567	4304716482	6 (41-21B) RED WASH	NENE	21	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU02025	4304715184	60 (43-30B) RED WASH	NESE	30	T 7S	R23E	TA	CHEVRON U S A INCORPORATED

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold) — Designation of Agent/Operator

X Operator Name Change — Merger

The operator of the well(s) listed below has changed, effective: **2/1/2003**

FROM: (Old Operator):	**TO:** (New Operator):
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341

CA No. **Unit:** **RED WASH**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
RWU 293 (22-22A)	22	070S	220E	4304731581	5670	Federal	OW	TA	
RWU 30 (23-13B)	13	070S	230E	4304715157	5670	Federal	GW	TA	
RWU 35 (43-13B)	13	070S	230E	4304715162	5670	Federal	OW	TA	
RWU 36 (32-13B)	13	070S	230E	4304715163	5670	Federal	GW	P	
RWU 33 (14-14B)	14	070S	230E	4304715160	5670	Federal	GW	TA	
RWU 297 (24-15B)	15	070S	230E	4304731579	5670	Federal	OW	P	
RWU 301 (43-15B)	15	070S	230E	4304731682	5670	Federal	GW	S	
RWU 303 (34-17B)	17	070S	230E	4304731819	5670	Federal	OW	P	
RWU 299 (32-18B)	18	070S	230E	4304733018	5670	Federal	OW	P	
RWU 295 (11-22B)	22	070S	230E	4304731577	5670	Federal	GW	TA	
RWU 31 (34-22B)	22	070S	230E	4304715158	5670	Federal	OW	P	
RWU 29 (32-23B)	23	070S	230E	4304715156	5670	Federal	OW	P	
RWU 292 (42-23B)	23	070S	230E	4304731576	5670	Federal	GW	TA	
RWU 3 (34-23B)	23	070S	230E	4304715136	5670	Federal	OW	P	
RWU 38 (14-23B)	23	070S	230E	4304715165	5670	Federal	OW	P	
RWU 289 (13-24B)	24	070S	230E	4304731517	5670	Federal	OW	P	
RWU 302 (22-24B)	24	070S	230E	4304731683	5670	Federal	GW	TA	
RWU 298 (22-27B)	27	070S	230E	4304731679	5670	Federal	OW	TA	
RWU 296 (12-35B)	35	070S	230E	4304731578	5670	Federal	OW	P	
RWU 294 (24-18C)	18	070S	240E	4304731582	5670	Federal	GW	P	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
3. **The new company was checked on the Department of Commerce, Division of Corporations Database on:** 6/19/2003
4. Is the new operator registered in the State of Utah: **YES** Business Number: 5292864-0151
5. If NO, the operator was contacted contacted on: ____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 8/28/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 8/28/2003
3. Bond information entered in RBDMS on: n/a
4. Fee wells attached to bond in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 965-003-032

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 799446

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033
2. The **FORMER** operator has requested a release of liability from their bond on: n/a
   The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

QUESTAR

estar Exploration and Production Company
Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel 303 672 6900 • Fax 303 294 9632

Denver Division

May 28, 2003

Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,

Frank Nielsen
Division Landman

Enclosure

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	
RED WASH 22-21B	21	070S	230E	4304733522	5670	Federal	OW	TA	
RED WASH 24-20B	20	070S	230E	4304733523	5670	Federal	OW	P	
RED WASH 305 (41-4F)	04	080S	240E	4304732538	5670	Federal	GW	TA	
RED WASH 306	23	070S	240E	4304732629	5670	Federal	GW	P	
RED WASH 44-19B	19	070S	230E	4304733524	5670	Federal	OW	P	
RED WASH 44-20B	20	070S	230E	4304733525	5670	Federal	OW	P	
RWU 1 (41-26B)	26	070S	230E	4304715135	5670	Federal	OW	TA	
RWU 10 (12-23B)	23	070S	230E	4304715141	5670	Federal	OW	TA	
RWU 101 (34-21B)	21	070S	230E	4304715220	5670	Federal	OW	P	
RWU 103 (34-15B)	15	070S	230E	4304715222	5670	Federal	OW	P	
RWU 108 (32-21B)	21	070S	230E	4304715226	5670	Federal	OW	P	
RWU 109 (21-28B)	28	070S	230E	4304715227	5670	Federal	OW	P	
RWU 110 (23-23A)	23	070S	220E	4304715228	5670	Federal	OW	P	
RWU 111 (32-24A)	24	070S	220E	4304715229	5670	Federal	OW	TA	
RWU 112 (32-28A)	28	070S	220E	4304715230	5670	Federal	OW	P	
RWU 115 (21-19B)	19	070S	230E	4304715233	5670	Federal	OW	P	
RWU 119 (43-29A)	29	070S	220E	4304715236	5670	Federal	OW	P	
RWU 120 (23-28B)	28	070S	230E	4304715237	5670	Federal	OW	TA	
RWU 121 (13-13B)	13	070S	230E	4304715238	5670	Federal	GW	P	
RWU 122 (24-14B)	14	070S	230E	4304715239	5670	Federal	OW	P	
RWU 125 (34-19B)	19	070S	230E	4304715242	5670	Federal	OW	TA	
RWU 126 (41-29A)	29	070S	220E	4304715243	5670	Federal	OW	P	
RWU 127 (12-19B)	19	070S	230E	4304715244	5670	Federal	OW	TA	
RWU 129 (14-15B)	15	070S	230E	4304715246	5670	Federal	OW	P	
RWU 13 (14-22B)	22	070S	230E	4304715143	5670	Federal	OW	TA	
RWU 133 (41-34B)	34	070S	230E	4304715250	5670	Federal	OW	P	
RWU 136 (43-19B)	19	070S	230E	4304715252	5670	Federal	OW	TA	
RWU 137 (34-28B)	28	070S	230E	4304715253	5670	Federal	GW	TA	
RWU 138 (41-30B)	30	070S	230E	4304715254	5670	Federal	OW	P	
RWU 140 (24-22B)	22	070S	230E	4304715255	5670	Federal	OW	P	
RWU 141 (11-27B)	27	070S	230E	4304715256	5670	Federal	OW	TA	
RWU 143 (33-14B)	14	070S	230E	4304715257	5670	Federal	OW	P	
RWU 144 (21-18B)	18	070S	230E	4304715258	5670	Federal	OW	TA	
RWU 145 (24-13B)	13	070S	230E	4304715259	5670	Federal	OW	TA	
RWU 147 (22-22B)	22	070S	230E	4304715260	5670	Federal	OW	TA	
RWU 15 (32-17C)	17	070S	240E	4304715145	5670	Federal	OW	P	
RWU 151 (42-14B)	14	070S	230E	4304715264	5670	Federal	OW	P	
RWU 153 (14-29B)	29	070S	230E	4304715265	5670	Federal	OW	P	
RWU 158 (32-30B)	30	070S	230E	4304715268	5670	Federal	OW	P	
RWU 160 (32-15B)	15	070S	230E	4304715270	5670	Federal	OW	P	
RWU 162 (12-20B)	20	070S	230E	4304715272	5670	Federal	OW	TA	
RWU 164 (12-28B)	28	070S	230E	4304715274	5670	Federal	OW	P	
RWU 165 (32-26B)	26	070S	230E	4304715275	5670	Federal	GW	TA	
RWU 167 (23-21B)	21	070S	230E	4304715277	5670	Federal	OW	S	
RWU 168 (23-24B)	24	070S	230E	4304715278	5670	Federal	OW	TA	
RWU 172 (21-30B)	30	070S	230E	4304715280	5670	Federal	OW	TA	
RWU 176 (31-28B)	28	070S	230E	4304715283	5670	Federal	OW	TA	
RWU 177 (42-28B)	28	070S	230E	4304715284	5670	Federal	OW	TA	
RWU 178 (22-13B)	13	070S	230E	4304715285	5670	Federal	OW	TA	
RWU 180 (31-23B)	23	070S	230E	4304715287	5670	Federal	OW	TA	
RWU 181 (34-30B)	30	070S	230E	4304715288	5670	Federal	OW	P	
RWU 184 (23-26B)	26	070S	230E	4304715290	5670	Federal	OW	TA	
RWU 188 (23-20B)	20	070S	230E	4304715291	5670	Federal	OW	TA	
RWU 19 (34-26B)	26	070S	230E	4304715148	5670	Federal	GW	TA	
RWU 192 (41-33A)	33	070S	220E	4304715294	5670	Federal	OW	P	
RWU 193 (43-24B)	24	070S	230E	4304715295	5670	Federal	GW	S	
RWU 194 (12-14B)	14	070S	230E	4304715296	5670	Federal	OW	S	
RWU 196 (23-17C)	17	070S	240E	4304715298	5670	Federal	GW	S	
RWU 201 (32-28C)	28	070S	240E	4304715302	5670	Federal	GW	P	
RWU 204 (23-25A)	25	070S	220E	4304715305	5670	Federal	OW	P	
RWU 205 (23-21C)	21	070S	240E	4304715306	5670	Federal	GW	TA	
RWU 207	17	070S	230E	4304732738	5670	Federal	OW	P	
RWU 21 (32-14B)	14	070S	230E	4304715150	5670	Federal	OW	P	
RWU 212 (41-8F)	08	080S	240E	4304720014	5670	Federal	GW	P	
RWU 21-24A	24	070S	220E	4304733592	5670	Federal	OW	P	

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	
RWU 21-25A	25	070S	220E	4304733576	5670	Federal	OW	P	
RWU 219 (44-21C)	21	070S	240E	4304730149	5670	Federal	GW	P	
RWU 220 (22-23B)	23	070S	230E	4304730192	5670	Federal	OW	TA	
RWU 221 (13-27B)	27	070S	230E	4304730199	5670	Federal	OW	TA	
RWU 22-13A	13	070S	220E	4304733765	5670	Federal	OW	S	
RWU 22-19B	19	070S	230E	4304733559	5670	Federal	OW	P	
RWU 222 (31-27B)	27	070S	230E	4304730200	5670	Federal	GW	TA	
RWU 22-20B	20	070S	230E	4304733491	5670	Federal	OW	P	
RWU 22-25A	25	070S	220E	4304733786	5670	Federal	OW	P	
RWU 22-29B	29	070S	230E	4304733766	5670	Federal	OW	S	
RWU 224 (44-22B)	22	070S	230E	4304730202	5670	Federal	GW	TA	
RWU 225 (13-23B)	23	070S	230E	4304730212	5670	Federal	GW	TA	
RWU 226 (24-23B)	23	070S	230E	4304730249	5670	Federal	GW	S	
RWU 227 (14-26B)	26	070S	230E	4304730257	5670	Federal	OW	TA	
RWU 228 (21-34B)	34	070S	230E	4304730258	5670	Federal	OW	P	
RWU 229 (43-26B)	26	070S	230E	4304730259	5670	Federal	OW	TA	
RWU 230 (14-18C)	18	070S	240E	4304730309	5670	Federal	OW	TA	
RWU 231 (21-35B)	35	070S	230E	4304730310	5670	Federal	OW	TA	
RWU 232 (12-26B)	26	070S	230E	4304730311	5670	Federal	OW	TA	
RWU 23-24A	24	070S	220E	4304733567	5670	Federal	OW	P	
RWU 233 (12-25B)	25	070S	230E	4304730312	5670	Federal	OW	TA	
RWU 234 (32-24B)	24	070S	230E	4304730313	5670	Federal	OW	P	
RWU 235 (34-18C)	18	070S	240E	4304730314	5670	Federal	OW	P	
RWU 236 (21-19C)	19	070S	240E	4304730340	5670	Federal	GW	P	
RWU 237 (14-25B)	25	070S	230E	4304730341	5670	Federal	OW	P	
RWU 238 (32-35B)	35	070S	230E	4304730342	5670	Federal	OW	TA	
RWU 239 (41-35B)	35	070S	230E	4304730343	5670	Federal	OW	TA	
RWU 24 (34-14B)	14	070S	230E	4304715152	5670	Federal	OW	P	
RWU 240 (12-36B)	36	070S	230E	4304730344	5670	Federal	OW	P	
RWU 241 (22-14B)	14	070S	230E	4304730345	5670	Federal	OW	P	
RWU 24-18B	18	070S	230E	4304733554	5670	Federal	OW	P	
RWU 24-19B	19	070S	230E	4304733492	5670	Federal	OW	P	
RWU 242 (42-13B)	13	070S	230E	4304730346	5670	Federal	OW	P	
RWU 243 (42-18C)	18	070S	240E	4304730347	5670	Federal	OW	TA	
RWU 244 (23-19C)	19	070S	240E	4304730348	5670	Federal	GW	P	
RWU 246 (22-18C)	18	070S	240E	4304730387	5670	Federal	OW	P	
RWU 247 (22-17C)	17	070S	240E	4304730388	5670	Federal	GW	P	
RWU 26 (23-22B)	22	070S	230E	4304715153	5670	Federal	OW	TA	
RWU 262 (22-26B)	26	070S	230E	4304730517	5670	Federal	GW	TA	
RWU 265 (44-26B)	26	070S	230E	4304730520	5670	Federal	GW	P	
RWU 267 (32-17B)	17	070S	230E	4304732981	5670	Federal	OW	P	
RWU 27 (43-14B)	14	070S	230E	4304715154	5670	Federal	OW	TA	
RWU 270 (22-35B)	35	070S	230E	4304731082	5670	Federal	OW	P	
RWU 272 (44-23B)	23	070S	230E	4304731054	5670	Federal	GW	P	
RWU 273 (42-27B)	27	070S	230E	4304731051	5670	Federal	OW	TA	
RWU 276 (44-27B)	27	070S	230E	4304731053	5670	Federal	OW	TA	
RWU 278 (11-26)	26	070S	230E	4304731076	5670	Federal	GW	TA	
RWU 28 (43-22B)	22	070S	230E	4304715155	5670	Federal	OW	P	
RWU 280 (11-35B)	35	070S	230E	4304731079	5670	Federal	OW	P	
RWU 282 (42-26B)	26	070S	230E	4304731080	5670	Federal	GW	TA	
RWU 284 (33-23B)	23	070S	230E	4304731476	5670	Federal	GW	TA	
RWU 285 (11-24B)	24	070S	230E	4304731477	5670	Federal	OW	P	
RWU 286 (42-21B)	21	070S	230E	4304731478	5670	Federal	OW	P	
RWU 287 (44-13B)	13	070S	230E	4304731512	5670	Federal	OW	TA	
RWU 288 (24-27)	27	070S	230E	4304731513	5670	Federal	OW	TA	
RWU 289 (13-24B)	24	070S	230E	4304731517	5670	Federal	OW	P	
RWU 29 (32-23B)	23	070S	230E	4304715156	5670	Federal	OW	P	
RWU 292 (42-23B)	23	070S	230E	4304731576	5670	Federal	GW	TA	
RWU 293 (22-22A)	22	070S	220E	4304731581	5670	Federal	OW	TA	
RWU 294 (24-18C)	18	070S	240E	4304731582	5670	Federal	GW	P	
RWU 295 (11-22B)	22	070S	230E	4304731577	5670	Federal	GW	TA	
RWU 296 (12-35B)	35	070S	230E	4304731578	5670	Federal	OW	P	
RWU 297 (24-15B)	15	070S	230E	4304731579	5670	Federal	OW	P	
RWU 298 (22-27B)	27	070S	230E	4304731679	5670	Federal	OW	TA	
RWU 299 (32-18B)	18	070S	230E	4304733018	5670	Federal	OW	P	

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	
RWU 3 (34-23B)	23	070S	230E	4304715136	5670	Federal	OW	P	
RWU 30 (23-13B)	13	070S	230E	4304715157	5670	Federal	GW	TA	
RWU 301 (43-15B)	15	070S	230E	4304731682	5670	Federal	GW	S	
RWU 302 (22-24B)	24	070S	230E	4304731683	5670	Federal	GW	TA	
RWU 303 (34-17B)	17	070S	230E	4304731819	5670	Federal	OW	P	
RWU 31 (34-22B)	22	070S	230E	4304715158	5670	Federal	OW	P	
RWU 33 (14-14B)	14	070S	230E	4304715160	5670	Federal	GW	TA	
RWU 35 (43-13B)	13	070S	230E	4304715162	5670	Federal	OW	TA	
RWU 36 (32-13B)	13	070S	230E	4304715163	5670	Federal	GW	P	
RWU 38 (14-23B)	23	070S	230E	4304715165	5670	Federal	OW	P	
RWU 39 (14-24A)	24	070S	220E	4304715166	5670	Federal	OW	TA	
RWU 4 (41-22B)	22	070S	230E	4304715137	5670	Federal	OW	TA	
RWU 40 (21-24B)	24	070S	230E	4304715167	5670	Federal	OW	TA	
RWU 41 (34-13B)	13	070S	230E	4304715168	5670	Federal	OW	P	
RWU 41-24A	24	070S	220E	4304733769	5670	Federal	OW	P	
RWU 41-25A	25	070S	220E	4304733579	5670	Federal	OW	P	
RWU 42 (21-29C)	29	070S	240E	4304715169	5670	Federal	GW	P	
RWU 42-19B	19	070S	230E	4304733556	5670	Federal	OW	P	
RWU 42-20B	20	070S	230E	4304733490	5670	Federal	OW	P	
RWU 42-24A	24	070S	220E	4304733569	5670	Federal	OW	P	
RWU 42-25A	25	070S	220E	4304733580	5670	Federal	OW	S	
RWU 42-30B	30	070S	230E	4304733771	5670	Federal	OW	P	
RWU 43 (12-17B)	17	070S	230E	4304715170	5670	Federal	OW	P	
RWU 44 (32-33C)	33	070S	240E	4304715171	5670	Federal	GW	P	
RWU 44-18B	18	070S	230E	4304733594	5670	Federal	OW	P	
RWU 44-30B	30	070S	230E	4304733772	5670	Federal	OW	P	
RWU 45 (23-30B)	30	070S	230E	4304715172	5670	Federal	OW	TA	
RWU 46 (41-21C)	21	070S	240E	4304715173	5670	Federal	GW	TA	
RWU 49 (12-29B)	29	070S	230E	4304715175	5670	Federal	OW	TA	
RWU 5 (41-23B)	23	070S	230E	4304715138	5670	Federal	OW	P	
RWU 50 (14-23A)	23	070S	220E	4304715176	5670	Federal	OW	P	
RWU 52 (14-18B)	18	070S	230E	4304715178	5670	Federal	OW	TA	
RWU 53 (41-25A)	25	070S	220E	4304715179	5670	Federal	OW	TA	
RWU 57 (12-18C)	18	070S	240E	4304715183	5670	Federal	OW	P	
RWU 63 (21-22B)	22	070S	230E	4304715186	5670	Federal	GW	TA	
RWU 64 (32-27B)	27	070S	230E	4304715187	5670	Federal	OW	TA	
RWU 66 (34-18B)	18	070S	230E	4304715189	5670	Federal	OW	P	
RWU 67 (42-22B)	22	070S	230E	4304715190	5670	Federal	OW	TA	
RWU 69 (21-27B)	27	070S	230E	4304715191	5670	Federal	OW	TA	
RWU 70 (23-22A)	22	070S	220E	4304715192	5670	Federal	OW	P	
RWU 71 (21-18C)	18	070S	240E	4304715193	5670	Federal	OW	P	
RWU 72 (23-27B)	27	070S	230E	4304715194	5670	Federal	OW	TA	
RWU 74 (12-13B)	13	070S	230E	4304715196	5670	Federal	GW	P	
RWU 75 (21-26B)	26	070S	230E	4304715197	5670	Federal	OW	TA	
RWU 76 (32-18C)	18	070S	240E	4304715198	5670	Federal	GW	S	
RWU 77 (21-13B)	13	070S	230E	4304715199	5670	Federal	OW	P	
RWU 78 (32-28B)	28	070S	230E	4304715200	5670	Federal	OW	P	
RWU 79 (12-27B)	27	070S	230E	4304715201	5670	Federal	OW	TA	
RWU 8 (32-22B)	22	070S	230E	4304715139	5670	Federal	OW	P	
RWU 80 (14-27B)	27	070S	230E	4304715202	5670	Federal	OW	P	
RWU 81 (41-31B)	31	070S	230E	4304715203	5670	Federal	OW	P	
RWU 83 (41-27A)	27	070S	220E	4304715205	5670	Federal	OW	P	
RWU 84 (44-14B)	14	070S	230E	4304715206	5670	Federal	GW	P	
RWU 9 (43-23B)	23	070S	230E	4304715140	5670	Federal	OW	P	
RWU 90 (43-21B)	21	070S	230E	4304715211	5670	Federal	OW	P	
RWU 92 (11-23B)	23	070S	230E	4304715212	5670	Federal	OW	TA	
RWU 94 (12-22A)	22	070S	220E	4304715213	5670	Federal	OW	P	
RWU 99 (12-22B)	22	070S	230E	4304715218	5670	Federal	OW	P	
RED WASH UNIT 259	16	070S	230E	4304732785	5670	State	OW	P	
RED WASH UNIT 260	16	070S	230E	4304732786	5670	State	OW	P	
RWU 51 (12-16B)	16	070S	230E	4304715177	5670	State	OW	P	
RWU ST 189 (41-16B)	16	070S	230E	4304715292	5670	State	OW	P	
RED WASH UNIT 261	17	070S	230E	4304732739	5670	Federal	WI	A	
RWU 100-A (43-21A)	21	070S	220E	4304715219	5670	Federal	WI	A	

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	
RWU 102 (41-24A)	24	070S	220E	4304715221	5670	Federal	WI	A	
RWU 11	27	070S	230E	4304715142	5670	Federal	WI	A	
RWU 11-19B	19	070S	230E	4304733552	5670	Federal	WI	A	
RWU 11-20B	20	070S	230E	4304733553	5670	Federal	WI	A	
RWU 11-25A	25	070S	220E	4304733574	5670	Federal	WI	A	
RWU 11-29B	29	070S	230E	4304733590	5670	Federal	WI	A	
RWU 11-30B	30	070S	230E	4304733785	5670	Federal	WI	A	
RWU 12-24A	24	070S	220E	4304733591	5670	Federal	WI	A	
RWU 13-19B	19	070S	230E	4304733497	5670	Federal	WI	A	
RWU 13-20B	20	070S	230E	4304733498	5670	Federal	WI	A	
RWU 13-25A	25	070S	220E	4304733575	5670	Federal	WI	A	
RWU 14 (14-13B)	13	070S	230E	4304715144	5670	Federal	WI	A	
RWU 148 (13-22B)	22	070S	230E	4304715261	5670	Federal	WI	A	
RWU 150 (31-22B)	22	070S	230E	4304715263	5670	Federal	WI	I	
RWU 156 (23-15B)	15	070S	230E	4304715267	5670	Federal	WI	A	
RWU 16 (43-28B)	28	070S	230E	4304716475	5670	Federal	WI	I	
RWU 161 (14-20B)	20	070S	230E	4304715271	5670	Federal	WI	I	
RWU 17 (41-20B)	20	070S	230E	4304715146	5670	Federal	WI	A	
RWU 170 (41-15B)	15	070S	230E	4304716495	5670	Federal	WI	I	
RWU 173 (21-21B)	21	070S	230E	4304716496	5670	Federal	WI	A	
RWU 174 (21-20B)	20	070S	230E	4304715281	5670	Federal	WI	A	
RWU 182 (14-21B)	21	070S	230E	4304716497	5670	Federal	WI	A	
RWU 183 (33-13B)	13	070S	230E	4304715289	5670	Federal	WI	A	
RWU 185 (41-1B)	14	070S	230E	4304716498	5670	Federal	WI	A	
RWU 199 (43-22A)	22	070S	220E	4304715301	5670	Federal	WI	A	
RWU 2 (14-24B)	24	070S	230E	4304716472	5670	Federal	WI	A	
RWU 202 (21-34A)	34	070S	220E	4304715303	5670	Federal	WI	I	
RWU 213 (41-33B)	33	070S	230E	4304720060	5670	Federal	WD	A	
RWU 215 (43-28A)	28	070S	220E	4304730058	5670	Federal	WI	A	
RWU 216 (21-27A)	27	070S	220E	4304730103	5670	Federal	WI	A	
RWU 23 (21-23B)	23	070S	230E	4304715151	5670	Federal	WI	A	
RWU 23-18C (97)	18	070S	240E	4304715216	5670	Federal	WI	I	
RWU 25 (23-23B)	23	070S	230E	4304716476	5670	Federal	WI	A	
RWU 258 (34-22A)	22	070S	220E	4304730458	5670	Federal	WI	A	
RWU 263 (24-26B)	26	070S	230E	4304730518	5670	Federal	WI	I	
RWU 264 (31-35B)	35	070S	230E	4304730519	5670	Federal	WI	A	
RWU 266 (33-26B)	26	070S	230E	4304730521	5670	Federal	WI	I	
RWU 268 (43-17B)	17	070S	230E	4304732980	5670	Federal	WI	A	
RWU 269 (13-26B)	26	070S	230E	4304730522	5670	Federal	WI	I	
RWU 271 (42-35B)	35	070S	230E	4304731081	5670	Federal	WI	I	
RWU 275 (31-26B)	26	070S	230E	4304731077	5670	Federal	WI	A	
RWU 279 (11-36B)	36	070S	230E	4304731052	5670	Federal	WI	A	
RWU 283 (43-18B)	18	070S	230E	4304732982	5670	Federal	WI	A	
RWU 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	
RWU 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	
RWU 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	
RWU 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	
RWU 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	
RWU 33-25A	25	070S	220E	4304733578	5670	Federal	WI	A	
RWU 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A	
RWU 34 (23-14B)	14	070S	230E	4304715161	5670	Federal	WI	A	
RWU 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	
RWU 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	
RWU 48 (32-19B)	19	070S	230E	4304715174	5670	Federal	WI	I	
RWU 56 (41-28B)	28	070S	230E	4304715182	5670	Federal	WI	A	
RWU 59 (12-24B)	24	070S	230E	4304716477	5670	Federal	WI	A	
RWU 6 (41-21B)	21	070S	230E	4304716482	5670	Federal	WI	A	
RWU 61 (12-27A)	27	070S	220E	4304716478	5670	Federal	WI	I	
RWU 68 (41-13B)	13	070S	230E	4304716485	5670	Federal	WI	I	
RWU 7 (41-27B)	27	070S	230E	4304716473	5670	Federal	WI	I	
RWU 88 (23-18B)	18	070S	230E	4304715210	5670	Federal	WI	A	
RWU 91 (33-22B)	22	070S	230E	4304716479	5670	Federal	WI	A	
RWU 93 (43-27B)	27	070S	230E	4304716480	5670	Federal	WI	I	
RWU 324 (23-16B)	16	070S	230E	4304733084	5670	State	WI	I	

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

June 9, 2003

QEP Uinta Basin, Inc.
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed it name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Red Wash Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure
bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File – Red Wash Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron
UT922:TAThompson:tt:6/9/03

JUL 0 7 2003

3104 (932.34)WF
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc. 1050 17th Street Suite 500 Denver, Colorado 80265	:	Oil and Gas lease

Name Change Recognized

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

S/Wilbert B. Forbes

Wilbert B. Forbes
Land Law Examiner
Branch of Use Authorization
Division of Resources Planning,
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Unita Basin
MFO

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold) **X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective: **1/1/2007**

FROM: (Old Operator):	**TO:** (New Operator):
N2460-QEP Uinta Basin, Inc.	N5085-Questar E&P Company
1050 17th St, Suite 500	1050 17th St, Suite 500
Denver, CO 80265	Denver, CO 80265
Phone: 1 (303) 672-6900	Phone: 1 (303) 672-6900

CA No. **Unit:** **RED WASH UNIT**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 1/31/2005

4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143

5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

5b. Inspections of LA PA state/fee well sites complete on: n/a

5c. Reports current for Production/Disposition & Sundries on: n/a

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA

7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007

8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on:

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 4/30/2007 and 5/15/2007
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 4/30/2007 and 5/15/2007
3. Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
4. Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
5. Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 799446

3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033

3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: THIS IS A COMPANY NAME CHANGE.
SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 1 (41-26B)	RW 41-26B	NENE	26	070S	230E	4304715135	5670	Federal	OW	TA
RWU 3 (34-23B)	RW 34-23B	SWSE	23	070S	230E	4304715136	5670	Federal	OW	P
RWU 4 (41-22B)	RW 41-22B	NENE	22	070S	230E	4304715137	5670	Federal	OW	TA
RWU 5 (41-23B)	RW 41-23B	NENE	23	070S	230E	4304715138	5670	Federal	OW	P
RWU 8 (32-22B)	RW 32-22B	SWNE	22	070S	230E	4304715139	5670	Federal	OW	P
RWU 9 (43-23B)	RW 43-23B	NESE	23	070S	230E	4304715140	5670	Federal	OW	P
RWU 10 (12-23B)	RW 12-23B	SWNW	23	070S	230E	4304715141	5670	Federal	OW	TA
RWU 11	RW 34-27B	SWSE	27	070S	230E	4304715142	99996	Federal	WI	A
RWU 13 (14-22B)	RW 14-22B	SWSW	22	070S	230E	4304715143	5670	Federal	OW	TA
RW 14-13B	RW 14-13B	SWSW	13	070S	230E	4304715144	99996	Federal	WI	A
RWU 15 (32-17C)	RW 32-17C	SWNE	17	070S	240E	4304715145	5670	Federal	OW	P
RWU 17 (41-20B)	RW 41-20B	NENE	20	070S	230E	4304715146	5670	Federal	WI	A
RWU 19 (34-26B)	RW 34-26B	SWSE	26	070S	230E	4304715148	5670	Federal	GW	S
RWU 21 (32-14B)	RW 32-14B	SWNE	14	070S	230E	4304715150	5670	Federal	OW	P
RWU 23 (21-23B)	RW 21-23B	SENW	23	070S	230E	4304715151	99996	Federal	WI	A
RWU 24 (34-14B)	RW 34-14B	SWSE	14	070S	230E	4304715152	5670	Federal	OW	S
RWU 26 (23-22B)	RW 23-22B	NESW	22	070S	230E	4304715153	5670	Federal	OW	TA
RWU 27 (43-14B)	RW 43-14B	NESE	14	070S	230E	4304715154	5670	Federal	OW	TA
RWU 28 (43-22B)	RW 43-22B	NESE	22	070S	230E	4304715155	5670	Federal	OW	P
RWU 29 (32-23B)	RW 32-23B	SWNE	23	070S	230E	4304715156	5670	Federal	OW	P
RW 23-13B	RW 23-13B	NESW	13	070S	230E	4304715157	5670	Federal	GW	TA
RWU 31 (34-22B)	RW 34-22B	SWSE	22	070S	230E	4304715158	5670	Federal	OW	P
RWU 33 (14-14B)	RW 14-14B	SWSW	14	070S	230E	4304715160	5670	Federal	GW	TA
RWU 34 (23-14B)	RW 23-14B	NESW	14	070S	230E	4304715161	99996	Federal	WI	A
RW 43-13B	RW 43-13B	NESE	13	070S	230E	4304715162	5670	Federal	OW	TA
RWU 36 (32-13B)	RW 32-13B	SWNE	13	070S	230E	4304715163	5670	Federal	GW	P
RWU 38 (14-23B)	RW 14-23B	SWSW	23	070S	230E	4304715165	5670	Federal	OW	P
RWU 39 (14-24A)	RW 14-24A	SWSW	24	070S	220E	4304715166	5670	Federal	OW	TA
RWU 40 (21-24B)	RW 21-24B	NENW	24	070S	230E	4304715167	5670	Federal	OW	TA
RWU 41 (34-13B)	RW 34-13B	SWSE	13	070S	230E	4304715168	5670	Federal	OW	P
RWU 42 (21-29C)	RW 21-29C	NENW	29	070S	240E	4304715169	5670	Federal	GW	P
RWU 43 (12-17B)	RW 12-17B	SWNW	17	070S	230E	4304715170	5670	Federal	OW	P
RWU 44 (32-33C)	RW 32-33C	SWNE	33	070S	240E	4304715171	5670	Federal	GW	P
RWU 45 (23-30B)	RW 23-30B	NESW	30	070S	230E	4304715172	5670	Federal	OW	TA
RWU 46 (41-21C)	RW 41-21C	NENE	21	070S	240E	4304715173	5670	Federal	GW	TA
RWU 48 (32-19B)	RW 32-19B	SWNE	19	070S	230E	4304715174	99996	Federal	WI	I
RWU 49 (12-29B)	RW 12-29B	SWNW	29	070S	230E	4304715175	5670	Federal	OW	TA
RWU 50 (14-23A)	RW 14-23A	SWSW	23	070S	220E	4304715176	5670	Federal	OW	P
RWU 52 (14-18B)	RW 14-18B	SWSW	18	070S	230E	4304715178	5670	Federal	OW	TA
RWU 53 (41-25A)	RW 41-25A	NENE	25	070S	220E	4304715179	5670	Federal	OW	TA
RWU 56 (41-28B)	RW 41-28B	NENE	28	070S	230E	4304715182	99996	Federal	WI	A

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 57 (12-18C)	RW 12-18C	SWNW	18	070S	240E	4304715183	5670	Federal	OW	P
RWU 63 (21-22B)	RW 21-22B	NENW	22	070S	230E	4304715186	5670	Federal	GW	TA
RWU 64 (32-27B)	RW 32-27B	SWNE	27	070S	230E	4304715187	5670	Federal	OW	TA
RWU 66 (34-18B)	RW 34-18B	SWSE	18	070S	230E	4304715189	5670	Federal	OW	P
RWU 67 (42-22B)	RW 42-22B	SENE	22	070S	230E	4304715190	5670	Federal	OW	TA
RWU 69 (21-27B)	RW 21-27B	NENW	27	070S	230E	4304715191	5670	Federal	OW	TA
RWU 70 (23-22A)	RW 23-22A	NESW	22	070S	220E	4304715192	5670	Federal	OW	P
RWU 71 (21-18C)	RW 21-18C	NENW	18	070S	240E	4304715193	5670	Federal	OW	P
RWU 72 (23-27B)	RW 23-27B	NESW	27	070S	230E	4304715194	5670	Federal	OW	TA
RWU 74 (12-13B)	RW 12-13B	SWNW	13	070S	230E	4304715196	5670	Federal	GW	S
RWU 75 (21-26B)	RW 21-26B	NENW	26	070S	230E	4304715197	5670	Federal	OW	TA
RWU 76 (32-18C)	RW 32-18C	SWNE	18	070S	240E	4304715198	5670	Federal	GW	P
RWU 77 (21-13B)	RWU 77 (21-13B)	NENW	13	070S	230E	4304715199	5670	Federal	OW	P
RWU 78 (32-28B)	RW 32-28B	SWNE	28	070S	230E	4304715200	5670	Federal	OW	P
RWU 79 (12-27B)	RW 12-27B	SWNW	27	070S	230E	4304715201	5670	Federal	OW	TA
RWU 80 (14-27B)	RW 14-27B	SWSW	27	070S	230E	4304715202	5670	Federal	OW	S
RWU 81 (41-31B)	RW 41-31B	NENE	31	070S	230E	4304715203	5670	Federal	OW	P
RWU 83 (41-27A)	RW 41-27A	NENE	27	070S	220E	4304715205	5670	Federal	OW	P
RWU 84 (44-14B)	RW 44-14B	SESE	14	070S	230E	4304715206	5670	Federal	GW	P
RWU 88 (23-18B)	RW 23-18B	NESW	18	070S	230E	4304715210	5670	Federal	WI	A
RWU 90 (43-21B)	RW 43-21B	NESE	21	070S	230E	4304715211	5670	Federal	OW	P
RWU 92 (11-23B)	RW 11-23B	NWNW	23	070S	230E	4304715212	5670	Federal	OW	TA
RWU 94 (12-22A)	RW 12-22A	SWNW	22	070S	220E	4304715213	5670	Federal	OW	P
RWU 23-18C (97)	RW 23-18C	NESW	18	070S	240E	4304715216	99996	Federal	WI	I
RWU 99 (12-22B)	RW 12-22B	SWNW	22	070S	230E	4304715218	5670	Federal	OW	P
RWU 100-A (43-21A)	RW 43-21A	NESE	21	070S	220E	4304715219	5670	Federal	WI	A
RWU 101 (34-21B)	RW 34-21B	SWSE	21	070S	230E	4304715220	5670	Federal	OW	P
RWU 102 (41-24A)	RW 41-24A	SENE	24	070S	220E	4304715221	5670	Federal	WI	A
RWU 103 (34-15B)	RW 34-15B	SWSE	15	070S	230E	4304715222	5670	Federal	OW	P
RWU 108 (32-21B)	RW 32-21B	SWNE	21	070S	230E	4304715226	5670	Federal	OW	P
RWU 109 (21-28B)	RW 21-28B	NENW	28	070S	230E	4304715227	5670	Federal	OW	P
RWU 110 (23-23A)	RW 23-23A	NESW	23	070S	220E	4304715228	5670	Federal	OW	P
RWU 111 (32-24A)	RW 32-24A	SWNE	24	070S	220E	4304715229	5670	Federal	OW	S
RWU 112 (32-28A)	RW 32-28A	SWNE	28	070S	220E	4304715230	5670	Federal	OW	S
RWU 115 (21-19B)	RW 21-19B	NENW	19	070S	230E	4304715233	5670	Federal	OW	P
RWU 119 (43-29A)	RW 43-29A	NESE	29	070S	220E	4304715236	5670	Federal	OW	P
RWU 120 (23-28B)	RW 23-28B	NESW	28	070S	230E	4304715237	5670	Federal	OW	TA
RW 13-13B	RW 13-13B	NWSW	13	070S	230E	4304715238	5670	Federal	GW	P
RWU 122 (24-14B)	RW 24-14B	SESW	14	070S	230E	4304715239	5670	Federal	OW	P
RWU 125 (34-19B)	RW 34-19B	SWSE	19	070S	230E	4304715242	5670	Federal	OW	TA
RWU 126 (41-29A)	RW 41-29A	NENE	29	070S	220E	4304715243	5670	Federal	OW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 127 (12-19B)	RW 12-19B	SWNW	19	070S	230E	4304715244	5670	Federal	OW	S
RWU 129 (14-15B)	RW 14-15B	SWSW	15	070S	230E	4304715246	5670	Federal	OW	P
RWU 133 (41-34B)	RW 41-34B	NENE	34	070S	230E	4304715250	5670	Federal	OW	P
RWU 136 (43-19B)	RW 43-19B	NESE	19	070S	230E	4304715252	5670	Federal	OW	TA
RWU 137 (34-28B)	RW 34-28B	SWSE	28	070S	230E	4304715253	5670	Federal	GW	TA
RWU 138 (41-30B)	RW 41-30B	NENE	30	070S	230E	4304715254	5670	Federal	OW	P
RWU 140 (24-22B)	RW 24-22B	SESW	22	070S	230E	4304715255	5670	Federal	OW	P
RWU 141 (11-27B)	RW 11-27B	NWNW	27	070S	230E	4304715256	5670	Federal	OW	TA
RWU 143 (33-14B)	RW 33-14B	NWSE	14	070S	230E	4304715257	5670	Federal	OW	P
RWU 144 (21-18B)	RW 21-18B	NENW	18	070S	230E	4304715258	5670	Federal	OW	TA
RW 24-13B	RW 24-13B	SESW	13	070S	230E	4304715259	5670	Federal	OW	TA
RWU 147 (22-22B)	RW 22-22B	SENW	22	070S	230E	4304715260	5670	Federal	OW	TA
RWU 148 (13-22B)	RW 13-22B	NWSW	22	070S	230E	4304715261	99996	Federal	WI	A
RWU 150 (31-22B)	RW 31-22B	NWNE	22	070S	230E	4304715263	99996	Federal	WI	I
RWU 151 (42-14B)	RW 42-14B	SENE	14	070S	230E	4304715264	5670	Federal	OW	P
RWU 153 (14-29B)	RW 14-29B	SWSW	29	070S	230E	4304715265	5670	Federal	OW	P
RWU 156 (23-15B)	RW 23-15B	NESW	15	070S	230E	4304715267	99990	Federal	WI	A
RWU 158 (32-30B)	RW 32-30B	SWNE	30	070S	230E	4304715268	5670	Federal	OW	P
RWU 160 (32-15B)	RW 32-15B	SWNE	15	070S	230E	4304715270	5670	Federal	OW	P
RWU 161 (14-20B)	RW 14-20B	SWSW	20	070S	230E	4304715271	99996	Federal	WI	I
RWU 162 (12-20B)	RW 12-20B	SWNW	20	070S	230E	4304715272	5670	Federal	OW	P
RWU 164 (12-28B)	RW 12-28B	SWNW	28	070S	230E	4304715274	5670	Federal	OW	P
RWU 165 (32-26B)	RW 32-26B	SWNE	26	070S	230E	4304715275	5670	Federal	GW	TA
RWU 167 (23-21B)	RW 23-21B	NESW	21	070S	230E	4304715277	5670	Federal	OW	S
RWU 168 (23-24B)	RW 23-24B	NESW	24	070S	230E	4304715278	5670	Federal	OW	TA
RWU 172 (21-30B)	RW 21-30B	NENW	30	070S	230E	4304715280	5670	Federal	OW	TA
RWU 174 (21-20B)	RW 21-20B	NENW	20	070S	230E	4304715281	5670	Federal	WI	A
RWU 176 (31-28B)	RW 31-28B	NWNE	28	070S	230E	4304715283	5670	Federal	OW	TA
RWU 177 (42-28B)	RW 42-28B	SENE	28	070S	230E	4304715284	5670	Federal	OW	TA
RW 22-13B	RW 22-13B	SENW	13	070S	230E	4304715285	5670	Federal	OW	TA
RWU 180 (31-23B)	RW 31-23B	NWNE	23	070S	230E	4304715287	5670	Federal	OW	TA
RWU 181 (34-30B)	RW 34-30B	SWSE	30	070S	230E	4304715288	5670	Federal	OW	P
RW 33-13B	RW 33-13B	NWSE	13	070S	230E	4304715289	5670	Federal	WI	A
RWU 184 (23-26B)	RW 23-26B	NESW	26	070S	230E	4304715290	5670	Federal	GW	S
RWU 188 (23-20B)	RW 23-20B	NESW	20	070S	230E	4304715291	5670	Federal	OW	TA
RWU 192 (41-33A)	RW 41-33A	NENE	33	070S	220E	4304715294	5670	Federal	OW	P
RWU 193 (43-24B)	RW 43-24B	NESE	24	070S	230E	4304715295	5670	Federal	GW	TA
RWU 194 (12-14B)	RW 12-14B	SWNW	14	070S	230E	4304715296	5670	Federal	OW	S
RWU 196 (23-17C)	RW 23-17C	NESW	17	070S	240E	4304715298	5670	Federal	GW	TA
RWU 199 (43-22A)	RW 43-22A	NESE	22	070S	220E	4304715301	99996	Federal	WI	A
RWU 201 (32-28C)	RW 32-28C	SWNE	28	070S	240E	4304715302	5670	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 202 (21-34A)	RW 21-34A	NENW	34	070S	220E	4304715303	99996	Federal	WI	I
RWU 204 (23-25A)	RW 23-25A	NESW	25	070S	220E	4304715305	5670	Federal	OW	P
RWU 205 (23-21C)	RW 23-21C	NESW	21	070S	240E	4304715306	5670	Federal	GW	TA
RWU 2 (14-24B)	RW 14-24B	SWSW	24	070S	230E	4304716472	99996	Federal	WI	A
RWU 7 (41-27B)	RW 41-27B	NENE	27	070S	230E	4304716473	99996	Federal	WI	I
RWU 16 (43-28B)	RW 43-28B	NESE	28	070S	230E	4304716475	99996	Federal	WI	I
RWU 25 (23-23B)	RW 23-23B	NESW	23	070S	230E	4304716476	99996	Federal	WI	A
RWU 59 (12-24B)	RW 12-24B	SWNW	24	070S	230E	4304716477	99996	Federal	WI	A
RWU 61 (12-27A)	RW 12-27A	SWNW	27	070S	220E	4304716478	99996	Federal	WI	I
RWU 91 (33-22B)	RW 33-22B	NWSE	22	070S	230E	4304716479	99996	Federal	WI	A
RWU 93 (43-27B)	RW 43-27B	NESE	27	070S	230E	4304716480	99996	Federal	WI	I
RWU 6 (41-21B)	RW 41-21B	NENE	21	070S	230E	4304716482	99996	Federal	WI	A
RWU 68 (41-13B)	RW 41-13B	NENE	13	070S	230E	4304716485	99996	Federal	WI	I
RWU 170 (41-15B)	RW 41-15B	NENE	15	070S	230E	4304716495	99996	Federal	WI	I
RWU 173 (21-21B)	RW 21-21B	NENW	21	070S	230E	4304716496	99996	Federal	WI	A
RWU 182 (14-21B)	RW 14-21B	SWSW	21	070S	230E	4304716497	99996	Federal	WI	A
RWU 185 (41-1B)	RW 41-14B	NENE	14	070S	230E	4304716498	99996	Federal	WI	A
RWU 212 (41-8F)	RW 41-8F	NENE	08	080S	240E	4304720014	5670	Federal	GW	P
RWU 213 (41-33B)	RW 41-33B	NENE	33	070S	230E	4304720060	99996	Federal	WD	A
RWU 215 (43-28A)	RW 43-28A	NESE	28	070S	220E	4304730058	99996	Federal	WD	A
RWU 216 (21-27A)	RW 21-27A	NENW	27	070S	220E	4304730103	99996	Federal	WI	A
RWU 219 (44-21C)	RW 44-21C	SESE	21	070S	240E	4304730149	5670	Federal	GW	S
RWU 220 (22-23B)	RW 22-23B	SENW	23	070S	230E	4304730192	5670	Federal	OW	TA
RWU 221 (13-27B)	RW 13-27B	NWSW	27	070S	230E	4304730199	5670	Federal	OW	TA
RWU 222 (31-27B)	RW 31-27B	NWNE	27	070S	230E	4304730200	5670	Federal	GW	TA
RWU 224 (44-22B)	RW 44-22B	SESE	22	070S	230E	4304730202	5670	Federal	GW	TA
RWU 225 (13-23B)	RW 13-23B	NWSW	23	070S	230E	4304730212	5670	Federal	GW	TA
RWU 226 (24-23B)	RW 24-23B	SESW	23	070S	230E	4304730249	5670	Federal	GW	S
RWU 227 (14-26B)	RW 14-26B	SWSW	26	070S	230E	4304730257	5670	Federal	OW	TA
RWU 228 (21-34B)	RW 21-34B	NENW	34	070S	230E	4304730258	5670	Federal	OW	P
RWU 229 (43-26B)	RW 43-26B	NESE	26	070S	230E	4304730259	5670	Federal	OW	TA
RWU 230 (14-18C)	RW 14-18C	SWSW	18	070S	240E	4304730309	5670	Federal	OW	P
RWU 231 (21-35B)	RW 21-35B	NENW	35	070S	230E	4304730310	5670	Federal	OW	TA
RWU 232 (12-26B)	RW 12-26B	SWNW	26	070S	230E	4304730311	5670	Federal	OW	TA
RWU 233 (12-25B)	RW 12-25B	SWNW	25	070S	230E	4304730312	5670	Federal	OW	TA
RWU 234 (32-24B)	RW 32-24B	SWNE	24	070S	230E	4304730313	5670	Federal	OW	P
RWU 235 (34-18C)	RW 34-18C	SWSE	18	070S	240E	4304730314	5670	Federal	OW	S
RWU 236 (21-19C)	RW 21-19C	NENW	19	070S	240E	4304730340	5670	Federal	GW	P
RWU 237 (14-25B)	RW 14-25B	SWSW	25	070S	230E	4304730341	5670	Federal	OW	P
RWU 238 (32-35B)	RW 32-35B	SWNE	35	070S	230E	4304730342	5670	Federal	OW	TA
RWU 239 (41-35B)	RW 41-35B	NENE	35	070S	230E	4304730343	5670	Federal	OW	TA

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 240 (12-36B)	RW 12-36B	SWNW	36	070S	230E	4304730344	5670	Federal	OW	S
RWU 241 (22-14B)	RW 22-14B	SENW	14	070S	230E	4304730345	5670	Federal	OW	P
RW 42-13B	RW 42-13B	SENE	13	070S	230E	4304730346	5670	Federal	OW	P
RWU 243 (42-18C)	RW 42-18C	SENE	18	070S	240E	4304730347	5670	Federal	OW	TA
RWU 244 (23-19C)	RW 23-19C	NESW	19	070S	240E	4304730348	5670	Federal	GW	P
RWU 246 (22-18C)	RW 22-18C	SENW	18	070S	240E	4304730387	5670	Federal	OW	P
RWU 247 (22-17C)	RW 22-17C	SENW	17	070S	240E	4304730388	5670	Federal	GW	P
RWU 258 (34-22A)	RW 34-22A	SWSE	22	070S	220E	4304730458	5670	Federal	WI	A
RWU 262 (22-26B)	RW 22-26B	SENW	26	070S	230E	4304730517	5670	Federal	GW	TA
RWU 263 (24-26B)	RW 24-26B	SESW	26	070S	230E	4304730518	99996	Federal	WI	I
RWU 264 (31-35B)	RW 31-35B	NWNE	35	070S	230E	4304730519	99996	Federal	WI	A
RWU 265 (44-26B)	RW 44-26B	SESE	26	070S	230E	4304730520	5670	Federal	GW	P
RWU 266 (33-26B)	RW 33-26B	NWSE	26	070S	230E	4304730521	99996	Federal	WI	I
RWU 269 (13-26B)	RW 13-26B	NWSW	26	070S	230E	4304730522	99996	Federal	WI	A
RWU 273 (42-27B)	RW 42-27B	SENE	27	070S	230E	4304731051	5670	Federal	OW	TA
RWU 279 (11-36B)	RW 11-36B	NWNW	36	070S	230E	4304731052	99996	Federal	WI	A
RWU 276 (44-27B)	RW 44-27B	SESE	27	070S	230E	4304731053	5670	Federal	OW	TA
RWU 272 (44-23B)	RW 44-23B	SESE	23	070S	230E	4304731054	5670	Federal	GW	P
RWU 278 (11-26)	RW 11-26	NWNW	26	070S	230E	4304731076	5670	Federal	GW	TA
RWU 275 (31-26B)	RW 31-26B	NWNE	26	070S	230E	4304731077	99996	Federal	WI	A
RWU 280 (11-35B)	RW 11-35B	NWNW	35	070S	230E	4304731079	5670	Federal	OW	P
RWU 282 (42-26B)	RW 42-26B	SENE	26	070S	230E	4304731080	5670	Federal	GW	TA
RWU 271 (42-35B)	RW 42-35B	SENE	35	070S	230E	4304731081	5670	Federal	WI	I
RWU 270 (22-35B)	RW 22-35B	SENW	35	070S	230E	4304731082	5670	Federal	OW	P
RWU 284 (33-23B)	RW 33-23B	NWSE	23	070S	230E	4304731476	5670	Federal	GW	TA
RWU 285 (11-24B)	RW 11-24B	NWNW	24	070S	230E	4304731477	5670	Federal	OW	P
RWU 286 (42-21B)	RW 42-21B	SENE	21	070S	230E	4304731478	5670	Federal	OW	P
RW 44-13B	RW 44-13B	SESE	13	070S	230E	4304731512	5670	Federal	OW	TA
RWU 288 (24-27)	RW 24-27	SESW	27	070S	230E	4304731513	5670	Federal	OW	TA
RWU 289 (13-24B)	RW 13-24B	NWSW	24	070S	230E	4304731517	5670	Federal	OW	P
RWU 292 (42-23B)	RW 42-23B	SENE	23	070S	230E	4304731576	5670	Federal	GW	TA
RWU 295 (11-22B)	RW 11-22B	NWNW	22	070S	230E	4304731577	5670	Federal	GW	TA
RWU 296 (12-35B)	RW 12-35B	SWNW	35	070S	230E	4304731578	5670	Federal	OW	S
RWU 297 (24-15B)	RW 24-15B	SESW	15	070S	230E	4304731579	5670	Federal	OW	P
RWU 293 (22-22A)	RW 22-22A	SENW	22	070S	220E	4304731581	5670	Federal	OW	TA
RWU 294 (24-18C)	RW 24-18C	SESW	18	070S	240E	4304731582	5670	Federal	GW	P
RWU 298 (22-27B)	RW 22-27B	SENW	27	070S	230E	4304731679	5670	Federal	OW	TA
RWU 301 (43-15B)	RW 43-15B	NESE	15	070S	230E	4304731682	5670	Federal	GW	TA
RWU 302 (22-24B)	RW 22-24B	SENW	24	070S	230E	4304731683	5670	Federal	GW	TA
RWU 303 (34-17B)	RW 34-17B	SWSE	17	070S	230E	4304731819	5670	Federal	OW	P
RED WASH 305 (41-4F)	RW 41-4F	C-NE	04	080S	240E	4304732538	5670	Federal	GW	TA

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RED WASH 306	RW 23-23C	NESW	23	070S	240E	4304732629	5670	Federal	GW	P
RWU 207	RW 14-17B	SWSW	17	070S	230E	4304732738	5670	Federal	OW	P
RED WASH UNIT 261	RW 23-17B	NESW	17	070S	230E	4304732739	5670	Federal	WI	A
RWU 268 (43-17B)	RW 43-17B	NESE	17	070S	230E	4304732980	5670	Federal	WI	A
RWU 267 (32-17B)	RW 32-17B	SWNE	17	070S	230E	4304732981	5670	Federal	OW	P
RWU 283 (43-18B)	RW 43-18B	NESE	18	070S	230E	4304732982	5670	Federal	WI	A
RWU 299 (32-18B)	RW 32-18B	SWNE	18	070S	230E	4304733018	5670	Federal	OW	P
RWU 42-20B	RW 42-20B	SENE	20	070S	230E	4304733490	5670	Federal	OW	P
RWU 22-20B	RW 22-20B	SENW	20	070S	230E	4304733491	5670	Federal	OW	S
RWU 24-19B	RW 24-19B	SESW	19	070S	230E	4304733492	5670	Federal	OW	P
RWU 13-19B	RW 13-19B	NWSW	19	070S	230E	4304733497	5670	Federal	WI	A
RWU 13-20B	RW 13-20B	NWSW	20	070S	230E	4304733498	5670	Federal	WI	A
RWU 33-19B	RW 33-19B	NWSE	19	070S	230E	4304733499	5670	Federal	WI	A
RWU 33-20B	RW 33-20B	NWSE	20	070S	230E	4304733500	5670	Federal	WI	A
RED WASH 22-21B	RW 22-21B	SENW	21	070S	230E	4304733522	5670	Federal	OW	S
RED WASH 24-20B	RW 24-20B	SESW	20	070S	230E	4304733523	5670	Federal	OW	P
RED WASH 44-19B	RW 44-19B	SESE	19	070S	230E	4304733524	5670	Federal	OW	P
RED WASH 44-20B	RW 44-20B	SESE	20	070S	230E	4304733525	5670	Federal	OW	P
RWU 11-19B	RW 11-19B	NWNW	19	070S	230E	4304733552	5670	Federal	WI	A
RWU 11-20B	RW 11-20B	NWNW	20	070S	230E	4304733553	5670	Federal	WI	A
RWU 24-18B	RW 24-18B	SESW	18	070S	230E	4304733554	5670	Federal	OW	P
RWU 31-19B	RW 31-19B	NWNE	19	070S	230E	4304733555	5670	Federal	WI	A
RWU 42-19B	RW 42-19B	SENE	19	070S	230E	4304733556	5670	Federal	OW	P
RWU 22-19B	RW 22-19B	SENW	19	070S	230E	4304733559	5670	Federal	OW	P
RWU 23-24A	RW 23-24A	NESW	24	070S	220E	4304733567	5670	Federal	OW	P
RWU 34-24A	RW 34-24A	SWSE	24	070S	220E	4304733568	5670	Federal	WI	A
RWU 42-24A	RW 42-24A	SENE	24	070S	220E	4304733569	5670	Federal	OW	S
RWU 11-25A	RW 11-25A	NWNW	25	070S	220E	4304733574	5670	Federal	WI	A
RWU 13-25A	RW 13-25A	NWSW	25	070S	220E	4304733575	5670	Federal	WI	A
RWU 21-25A	RW 21-25A	NENW	25	070S	220E	4304733576	5670	Federal	OW	P
RWU 31-25A	RW 31-25A	NWNE	25	070S	220E	4304733577	5670	Federal	WI	A
RWU 33-25A	RW 33-25A	NWSE	25	070S	220E	4304733578	5670	Federal	WI	A
RW 41-25AX	RW 41-25A	NENE	25	070S	220E	4304733579	5670	Federal	OW	P
RWU 42-25A	RWU 42-25A	SENE	25	070S	220E	4304733580	5670	Federal	OW	TA
RWU 11-29B	RW 11-29B	NWNW	29	070S	230E	4304733590	5670	Federal	WI	A
RWU 12-24A	RW 12-24A	SWNW	24	070S	220E	4304733591	5670	Federal	WI	A
RWU 21-24A	RW 21-24A	NENW	24	070S	220E	4304733592	5670	Federal	OW	P
RWU 34-13A	RW 34-13A	SWSE	13	070S	220E	4304733593	5670	Federal	WI	A
RWU 44-18B	RW 44-18B	SESE	18	070S	230E	4304733594	5670	Federal	OW	P
RW 22-13A	RW 22-13A	SENW	13	070S	220E	4304733765	13296	Federal	OW	S
RWU 22-29B	RW 22-29B	SENW	29	070S	230E	4304733766	5670	Federal	OW	S

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 41-24A	RW 41-24A	NENE	24	070S	220E	4304733769	5670	Federal	OW	P
RWU 42-30B	RW 42-30B	SENE	30	070S	230E	4304733771	5670	Federal	OW	P
RWU 44-30B	RWU 44-30B	SESE	30	070S	230E	4304733772	5670	Federal	OW	P
RWU 11-30B	RW 11-30B	NWNW	30	070S	230E	4304733785	5670	Federal	WI	A
RWU 22-25A	RW 22-25A	SENW	25	070S	220E	4304733786	5670	Federal	OW	P
RWU 31-30B	RW 31-30B	NWNE	30	070S	230E	4304733788	5670	Federal	WI	A
RWU 33-30B	RW 33-30B	NWSE	30	070S	230E	4304733790	5670	Federal	WI	A
RED WASH U 34-27C	RW 34-27C	SWSE	27	070S	240E	4304735045	5670	Federal	GW	P
RWU 34-22C	RW 34-22C	SWSE	22	070S	240E	4304735098	5670	Federal	GW	P
RW 12G-20C	RW 12G-20C	SWNW	20	070S	240E	4304735239	14011	Federal	GW	S
RW 43G-08F	RW 43G-08F	NESE	08	080S	240E	4304735655		Federal	GW	APD
RW 22G-09F	RW 22G-09F	SENW	09	080S	240E	4304735656	15636	Federal	GW	OPS
RWU 34-23AG	RW 34-23AG	SWSE	23	070S	220E	4304735668	5670	Federal	OW	P
RWU 34-27AG	RWU 34-27AD	SWSE	27	070S	220E	4304735669	5670	Federal	OW	DRL
RWU 32-27AG	RWU 32-27AG	SWNE	27	070S	220E	4304735670	5670	Federal	OW	S
RW 14-34AMU	RW 14-34AMU	SWSW	34	070S	220E	4304735671	14277	Federal	GW	P
RW 12-08FG	RW 12-08FG	SWNW	08	080S	240E	4304736348		Federal	GW	APD
RW 44-08FG	RW 44-08FG	SESE	08	080S	240E	4304736349	15261	Federal	GW	P
RW 12-17FG	RW 12-17FG	SWNW	17	080S	240E	4304736350		Federal	GW	APD
RW 34-34 AMU	RW 34-34 AD	SWSE	34	070S	220E	4304736351		Federal	GW	APD
RW 44-35 AMU	RW 44-35 AMU	SESE	35	070S	220E	4304736352		Federal	GW	APD
RW 14-35 AMU	RW 14-35 AMU	SWSW	35	070S	220E	4304736354		Federal	GW	APD
RW 33-31 BMU	RW 33-31 BD	NWSE	31	070S	230E	4304736357		Federal	GW	APD
RW 13-31 BMU	RW 13-31 BD	NWSW	31	070S	230E	4304736358		Federal	GW	APD
RW 32-15FG	RW 32-15FG	SWNE	15	080S	240E	4304736443		Federal	GW	APD
RW 21-26AG	RW 21-26AD	NENW	26	070S	220E	4304736768		Federal	OW	APD
RW 43-26AG	RW 43-26AG	NESE	26	070S	220E	4304736769		Federal	OW	APD
RW 43-23AG	RW 43-23AG	NESE	23	070S	220E	4304736770		Federal	OW	APD
RW 41-26AG	RW 41-26AG	NENE	26	070S	220E	4304736818		Federal	OW	APD
RW 04-25BG	RW 04-25B	NWSW	25	070S	230E	4304736982		Federal	OW	APD
RW 01-25BG	RW 01-25BG	NWNW	25	070S	230E	4304736983		Federal	OW	APD
RW 04-26BG	RW 04-26BG	SESW	26	070S	230E	4304736984		Federal	OW	APD
RW 01-26BG	RW 01-26BG	SWNW	26	070S	230E	4304736985		Federal	OW	APD
RW 01-35BG	RW 01-35BG	SWNW	35	070S	230E	4304736986		Federal	OW	APD

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 51 (12-16B)	RW 12-16B	SWNW	16	070S	230E	4304715177	5670	State	OW	P
RWU ST 189 (41-16B)	RW 41-16B	NENE	16	070S	230E	4304715292	5670	State	OW	S
RED WASH UNIT 259	RW 14-16B	SWSW	16	070S	230E	4304732785	5670	State	OW	P
RED WASH UNIT 260	RW 34-16B	SWSE	16	070S	230E	4304732786	5670	State	OW	P
RWU 324 (23-16B)	RW 23-16B	SESW	16	070S	230E	4304733084	5670	State	WI	OPS
RWU 21W-36A	RWU 21W-36A	NENW	36	070S	220E	4304733730		State	GW	LA
RWU 21G-36A	RWU 21G-36A	NENW	36	070S	220E	4304733731		State	OW	LA
RWU 41-36A	RWU 41-36A	NENE	36	070S	220E	4304733732		State	OW	LA
RWU 43-16B	RWU 43-16B	NESE	16	070S	230E	4304733733		State	OW	LA
RWU 21-16B	RWU 21-16B	NENW	16	070S	230E	4304733734		State	OW	LA
RWU 11-36A	RWU 11-36A	NWNW	36	070S	220E	4304733736		State	OW	LA
RWU 13-36A	RWU 13-36A	NWSW	36	070S	220E	4304733737		State	OW	LA
RW 32G-16C	RW 32G-16C	SWNE	16	070S	240E	4304735238	5670	State	GW	P
RW 14-36AMU	RW 14-36AMU	SWSW	36	070S	220E	4304736721		State	GW	APD
RW 01-36BG	RW 01-36BG	NWNW	36	070S	230E	4304736887	5670	State	OW	S
RW 24-16BG	RW 24-16BG	SESW	16	070S	230E	4304737746	5670	State	OW	DRL
RW 12-32BG	RW 12-32BG	SWNW	32	070S	230E	4304737946	15841	State	GW	DRL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
	7. UNIT or CA AGREEMENT NAME: see attached
	8. WELL NAME and NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	9. API NUMBER: attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 308-3068	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: Uintah STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024)
Utah State Bond Number: 965003033
Fee Land Bond Number: 965003033
Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs

SIGNATURE DATE 3/16/2007

(This space for State use only)

RECEIVED
APR 19 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: see attached	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached	
7. UNIT or CA AGREEMENT NAME: see attached	
1 TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	9. API NUMBER: attached
3 ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265	PHONE NUMBER: (303) 308-3068 / 10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL: FOOTAGES AT SURFACE: attached	COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 1/1/2007	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Well Name Changes
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs

SIGNATURE [signature] DATE 4/17/2007

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APR 19 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

TAKE PRIDE IN AMERICA

IN REPLY REFER TO
3180
UT-922

April 23, 2007

Questar Exploration and Production Company
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure
bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
File - Red Wash Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files
UT922:TAThompson:tt:4/23/07

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

Change of Operator (Well Sold) — X - Operator Name Change

The operator of the well(s) listed below has changed, effective: **6/14/2010**

FROM: (Old Operator):	**TO:** (New Operator):
N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048

CA No. **Unit:** **RED WASH**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/24/2010
4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
5a. (R649-9-2)Waste Management Plan has been received on: Requested
5b. Inspections of LA PA state/fee well sites complete on: n/a
5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 6/30/2010
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/30/2010
3. Bond information entered in RBDMS on: 6/30/2010
4. Fee/State wells attached to bond in RBDMS on: 6/30/2010
5. Injection Projects to new operator in RBDMS on: 6/30/2010
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 965010693
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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5. LEASE DESIGNATION AND SERIAL NUMBER: See attached	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached	
7. UNIT or CA AGREEMENT NAME: See attached	
1 TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: See attached
2 NAME OF OPERATOR: Questar Exploration and Production Company N5085	9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265	PHONE NUMBER: (303) 672-6900
10. FIELD AND POOL, OR WILDCAT: See attached	

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached

COUNTY: Attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 6/14/2010	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024) N3700
Utah State Bond Number: ~~965003033~~ 965010695
Fee Land Bond Number: ~~965003033~~ 965010695
BIA Bond Number: ~~799446~~ 965010693

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE Morgan Anderson DATE 6/23/2010

(This space for State use only)

RECEIVED
JUN 2 8 2010
DIV. OF OIL, GAS & MINING

APPROVED 6/30/2009
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000) (See Instructions on Reverse Side)

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
RED WASH
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 34-23B	23	070S	230E	4304715136	5670	Federal	OW	P	
RW 41-23B	23	070S	230E	4304715138	5670	Federal	OW	P	
RW 32-22B	22	070S	230E	4304715139	5670	Federal	OW	P	
RW 43-23B	23	070S	230E	4304715140	5670	Federal	OW	P	
RW 32-17C	17	070S	240E	4304715145	5670	Federal	OW	P	
RW 34-26B	26	070S	230E	4304715148	5670	Federal	GW	TA	
RW 32-14B	14	070S	230E	4304715150	5670	Federal	OW	P	
RW 34-14B	14	070S	230E	4304715152	5670	Federal	OW	S	
RW 23-22B	22	070S	230E	4304715153	5670	Federal	OW	TA	
RW 43-22B	22	070S	230E	4304715155	5670	Federal	OW	P	
RW 32-23B	23	070S	230E	4304715156	5670	Federal	OW	P	
RW 23-13B	13	070S	230E	4304715157	5670	Federal	GW	TA	
RW 34-22B	22	070S	230E	4304715158	5670	Federal	OW	P	
RW 32-13B	13	070S	230E	4304715163	5670	Federal	GW	P	
RW 14-23B	23	070S	230E	4304715165	5670	Federal	OW	S	
RW 14-24A	24	070S	220E	4304715166	17554	Federal	OW	DRL	
RW 21-24B	24	070S	230E	4304715167	5670	Federal	OW	TA	
RW 34-13B	13	070S	230E	4304715168	5670	Federal	OW	P	
RW 21-29C	29	070S	240E	4304715169	5670	Federal	GW	P	
RW 12-17B	17	070S	230E	4304715170	5670	Federal	OW	P	
RW 32-33C	33	070S	240E	4304715171	5670	Federal	GW	P	
RW 14-23A	23	070S	220E	4304715176	5670	Federal	OW	P	
RW 12-18C	18	070S	240E	4304715183	5670	Federal	OW	P	
RW 21-22B	22	070S	230E	4304715186	5670	Federal	GW	TA	
RW 34-18B	18	070S	230E	4304715189	5670	Federal	OW	P	
RW 21-27B	27	070S	230E	4304715191	5670	Federal	OW	TA	
RW 23-22A	22	070S	220E	4304715192	5670	Federal	OW	P	
RW 21-18C	18	070S	240E	4304715193	5670	Federal	OW	P	
RW 12-13B	13	070S	230E	4304715196	5670	Federal	GW	S	
RW 32-18C	18	070S	240E	4304715198	5670	Federal	GW	P	
RWU 77 (21-13B)	13	070S	230E	4304715199	5670	Federal	OW	P	
RW 32-28B	28	070S	230E	4304715200	5670	Federal	OW	P	
RW 12-27B	27	070S	230E	4304715201	5670	Federal	OW	TA	
RW 14-27B	27	070S	230E	4304715202	5670	Federal	OW	P	
RW 41-31B	31	070S	230E	4304715203	5670	Federal	OW	P	
RW 41-27A	27	070S	220E	4304715205	5670	Federal	OW	S	
RW 44-14B	14	070S	230E	4304715206	5670	Federal	GW	P	
RW 43-21B	21	070S	230E	4304715211	5670	Federal	OW	P	
RW 12-22A	22	070S	220E	4304715213	5670	Federal	OW	P	
RW 12-22B	22	070S	230E	4304715218	5670	Federal	OW	P	
RW 34-21B	21	070S	230E	4304715220	5670	Federal	OW	P	
RW 34-15B	15	070S	230E	4304715222	5670	Federal	OW	P	
RW 32-21B	21	070S	230E	4304715226	5670	Federal	OW	P	
RW 21-28B	28	070S	230E	4304715227	5670	Federal	OW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
RED WASH
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 23-23A	23	070S	220E	4304715228	5670	Federal	OW	P	
RW 32-24A	24	070S	220E	4304715229	5670	Federal	OW	P	
RW 32-28A	28	070S	220E	4304715230	5670	Federal	OW	S	
RW 21-19B	19	070S	230E	4304715233	5670	Federal	OW	P	
RW 43-29A	29	070S	220E	4304715236	5670	Federal	OW	S	C
RW 23-28B	28	070S	230E	4304715237	17525	Federal	OW	P	C
RW 13-13B	13	070S	230E	4304715238	5670	Federal	GW	P	
RW 24-14B	14	070S	230E	4304715239	5670	Federal	OW	P	
RW 41-29A	29	070S	220E	4304715243	5670	Federal	OW	P	
RW 14-15B	15	070S	230E	4304715246	5670	Federal	OW	P	
RW 41-34B	34	070S	230E	4304715250	5670	Federal	OW	P	
RW 41-30B	30	070S	230E	4304715254	5670	Federal	OW	P	
RW 24-22B	22	070S	230E	4304715255	5670	Federal	OW	P	
RW 33-14B	14	070S	230E	4304715257	5670	Federal	OW	P	
RW 21-18B	18	070S	230E	4304715258	5670	Federal	OW	TA	
RW 22-22B	22	070S	230E	4304715260	5670	Federal	OW	TA	C
RW 42-14B	14	070S	230E	4304715264	5670	Federal	OW	P	
RW 14-29B	29	070S	230E	4304715265	5670	Federal	OW	P	
RW 32-30B	30	070S	230E	4304715268	5670	Federal	OW	P	
RW 32-15B	15	070S	230E	4304715270	5670	Federal	OW	P	
RW 12-20B	20	070S	230E	4304715272	5670	Federal	OW	S	
RW 12-28B	28	070S	230E	4304715274	5670	Federal	OW	P	
RW 32-26B	26	070S	230E	4304715275	5670	Federal	GW	TA	
RW 31-28B	28	070S	230E	4304715283	5670	Federal	OW	TA	
RW 34-30B	30	070S	230E	4304715288	5670	Federal	OW	P	
RW 23-26B	26	070S	230E	4304715290	5670	Federal	GW	S	
RW 41-33A	33	070S	220E	4304715294	5670	Federal	OW	P	
RW 43-24B	24	070S	230E	4304715295	5670	Federal	GW	TA	
RW 12-14B	14	070S	230E	4304715296	5670	Federal	OW	S	
RW 32-28C	28	070S	240E	4304715302	5670	Federal	GW	P	
RW 23-25A	25	070S	220E	4304715305	5670	Federal	OW	P	
RW 41-8F	08	080S	240E	4304720014	5670	Federal	GW	P	
RW 44-21C	21	070S	240E	4304730149	5670	Federal	GW	S	
RW 13-27B	27	070S	230E	4304730199	5670	Federal	OW	TA	
RW 21-34B	34	070S	230E	4304730258	5670	Federal	OW	P	
RW 43-26B	26	070S	230E	4304730259	5670	Federal	OW	TA	
RW 14-18C	18	070S	240E	4304730309	5670	Federal	OW	P	
RW 12-26B	26	070S	230E	4304730311	5670	Federal	OW	TA	
RW 32-24B	24	070S	230E	4304730313	5670	Federal	OW	P	
RW 34-18C	18	070S	240E	4304730314	5670	Federal	OW	P	
RW 21-19C	19	070S	240E	4304730340	5670	Federal	GW	P	
RW 14-25B	25	070S	230E	4304730341	5670	Federal	OW	P	
RW 32-35B	35	070S	230E	4304730342	5670	Federal	OW	TA	
RW 12-36B	36	070S	230E	4304730344	5670	Federal	OW	S	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
RED WASH
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 22-14B	14	070S	230E	4304730345	5670	Federal	OW	P	
RW 42-13B	13	070S	230E	4304730346	5670	Federal	OW	P	
RW 23-19C	19	070S	240E	4304730348	5670	Federal	GW	P	
RW 22-18C	18	070S	240E	4304730387	5670	Federal	OW	P	
RW 22-17C	17	070S	240E	4304730388	5670	Federal	GW	P	
RW 44-26B	26	070S	230E	4304730520	5670	Federal	GW	P	
RW 42-27B	27	070S	230E	4304731051	5670	Federal	OW	TA	
RW 44-27B	27	070S	230E	4304731053	5670	Federal	OW	TA	
RW 44-23B	23	070S	230E	4304731054	5670	Federal	GW	P	
RW 11-35B	35	070S	230E	4304731079	5670	Federal	OW	P	
RW 22-35B	35	070S	230E	4304731082	5670	Federal	OW	P	
RW 33-23B	23	070S	230E	4304731476	5670	Federal	GW	TA	
RW 11-24B	24	070S	230E	4304731477	5670	Federal	OW	P	
RW 42-21B	21	070S	230E	4304731478	5670	Federal	OW	P	
RW 13-24B	24	070S	230E	4304731517	5670	Federal	OW	P	
RW 42-23B	23	070S	230E	4304731576	5670	Federal	GW	TA	
RW 12-35B	35	070S	230E	4304731578	5670	Federal	OW	S	
RW 24-15B	15	070S	230E	4304731579	5670	Federal	OW	P	
RW 24-18C	18	070S	240E	4304731582	5670	Federal	GW	P	
RW 43-15B	15	070S	230E	4304731682	17643	Federal	GW	DRL	C
RW 34-17B	17	070S	230E	4304731819	5670	Federal	OW	P	
RW 41-4F	04	080S	240E	4304732538	5670	Federal	GW	TA	
RW 23-23C	23	070S	240E	4304732629	5670	Federal	GW	P	
RW 14-17B	17	070S	230E	4304732738	5670	Federal	OW	P	
RW 32-17B	17	070S	230E	4304732981	5670	Federal	OW	P	
RW 32-18B	18	070S	230E	4304733018	5670	Federal	OW	P	
RW 42-20B	20	070S	230E	4304733490	5670	Federal	OW	P	
RW 22-20B	20	070S	230E	4304733491	5670	Federal	OW	P	
RW 24-19B	19	070S	230E	4304733492	5670	Federal	OW	P	
RW 22-21B	21	070S	230E	4304733522	5670	Federal	OW	S	
RW 24-20B	20	070S	230E	4304733523	5670	Federal	OW	P	
RW 44-19B	19	070S	230E	4304733524	5670	Federal	OW	P	
RW 44-20B	20	070S	230E	4304733525	5670	Federal	OW	P	
RW 24-18B	18	070S	230E	4304733554	5670	Federal	OW	P	
RW 42-19B	19	070S	230E	4304733556	5670	Federal	OW	P	
RW 22-19B	19	070S	230E	4304733559	5670	Federal	OW	P	
RW 23-24A	24	070S	220E	4304733567	5670	Federal	OW	P	
RW 42-24A	24	070S	220E	4304733569	5670	Federal	OW	P	
RW 21-25A	25	070S	220E	4304733576	5670	Federal	OW	P	
RW 41-25A	25	070S	220E	4304733579	5670	Federal	OW	P	
RW 21-24A	24	070S	220E	4304733592	5670	Federal	OW	P	
RW 44-18B	18	070S	230E	4304733594	5670	Federal	OW	P	
RW 41-24A	24	070S	220E	4304733769	5670	Federal	OW	P	
RW 42-30B	30	070S	230E	4304733771	5670	Federal	OW	S	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
RED WASH
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RWU 44-30B	30	070S	230E	4304733772	5670	Federal	OW	P	
RW 22-25A	25	070S	220E	4304733786	5670	Federal	OW	P	
RW 34-27C	27	070S	240E	4304735045	5670	Federal	GW	P	
RW 34-22C	22	070S	240E	4304735098	5670	Federal	GW	P	
RW 34-23AG	23	070S	220E	4304735668	5670	Federal	OW	P	
RWU 32-27AG	27	070S	220E	4304735670	5670	Federal	OW	P	
RW 14-34AMU	34	070S	220E	4304735671	14277	Federal	GW	P	
RW 44-08FG	08	080S	240E	4304736349	15261	Federal	GW	P	
RW 34-34 AD	34	070S	220E	4304736351	16177	Federal	GW	P	
RW 33-31 BD	31	070S	230E	4304736357		Federal	GW	APD	C
RW 13-31 BD	31	070S	230E	4304736358		Federal	GW	APD	C
RW 21-26AD	26	070S	220E	4304736768	5670	Federal	OW	OPS	C
RW 43-26AG	26	070S	220E	4304736769	16575	Federal	OW	OPS	C
RW 43-23AG	23	070S	220E	4304736770	5670	Federal	OW	OPS	C
RW 41-26AG	26	070S	220E	4304736818	5670	Federal	OW	OPS	C
RW 04-25B	25	070S	230E	4304736982	17224	Federal	OW	P	
RW 34-27ADR	27	070S	220E	4304739445	16330	Federal	GW	P	
RW 32-29CD	29	070S	240E	4304739854		Federal	GW	APD	C
RW 24-10FD	10	080S	240E	4304739963		Federal	GW	APD	C
RW 34-20CD	20	070S	240E	4304739964		Federal	GW	APD	C
RW 32-20CD	20	070S	240E	4304739965		Federal	GW	APD	
RW 24-21CD	21	070S	240E	4304739966		Federal	GW	APD	C
RW 41-28CD	28	070S	240E	4304739967		Federal	GW	APD	C
RW 41-33CD	33	070S	240E	4304739968		Federal	GW	APD	C
RW 14-35 AMU	35	070S	220E	4304740051		Federal	GW	APD	C
RW 44-35 AMU	35	070S	220E	4304740052		Federal	GW	APD	
RW 12-17FG	17	080S	240E	4304740602		Federal	GW	APD	C

Bonds: BLM = ESB000024
BIA = 956010693
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United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov/ut/st/en.html

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
3100
(UT-922)

JUL 2 8 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals Roger L Bankert

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL Oil Well	**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU-081
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7.UNIT or CA AGREEMENT NAME: RED WASH
2. NAME OF OPERATOR: QEP ENERGY COMPANY	**8. WELL NAME and NUMBER:** RW 34-22B
	9. API NUMBER: 43047151580000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078 **PHONE NUMBER:** 303 308-3068 Ext	**9. FIELD and POOL or WILDCAT:** RED WASH
4. LOCATION OF WELL **FOOTAGES AT SURFACE:** 0660 FSL 1980 FEL **QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:** Qtr/Qtr: SWSE Section: 22 Township: 07.0S Range: 23.0E Meridian: S	**COUNTY:** UINTAH **STATE:** UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ **NOTICE OF INTENT** Approximate date work will start: 10/1/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ **SUBSEQUENT REPORT** Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	✓ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ **SPUD REPORT** Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ **DRILLING REPORT** Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP Energy Company requests approval to deepen the above well to a total depth of 10,954' to the Mesaverde Formation. In addition, the well pad has been modified to accomodate the larger drill rig and the Surface Use Plan has been revised to address all other changes. The ammended footages are: 657' FSL, 1982' FEL. QEP Energy Company respectfully requests the type of well change: From: Oil To: Gas. Please refer to the following plans: Surface Use Plan, 8-Point Drilling Plan, Plat Package, Weed Data She

Federal Approval of this Action is Necessary

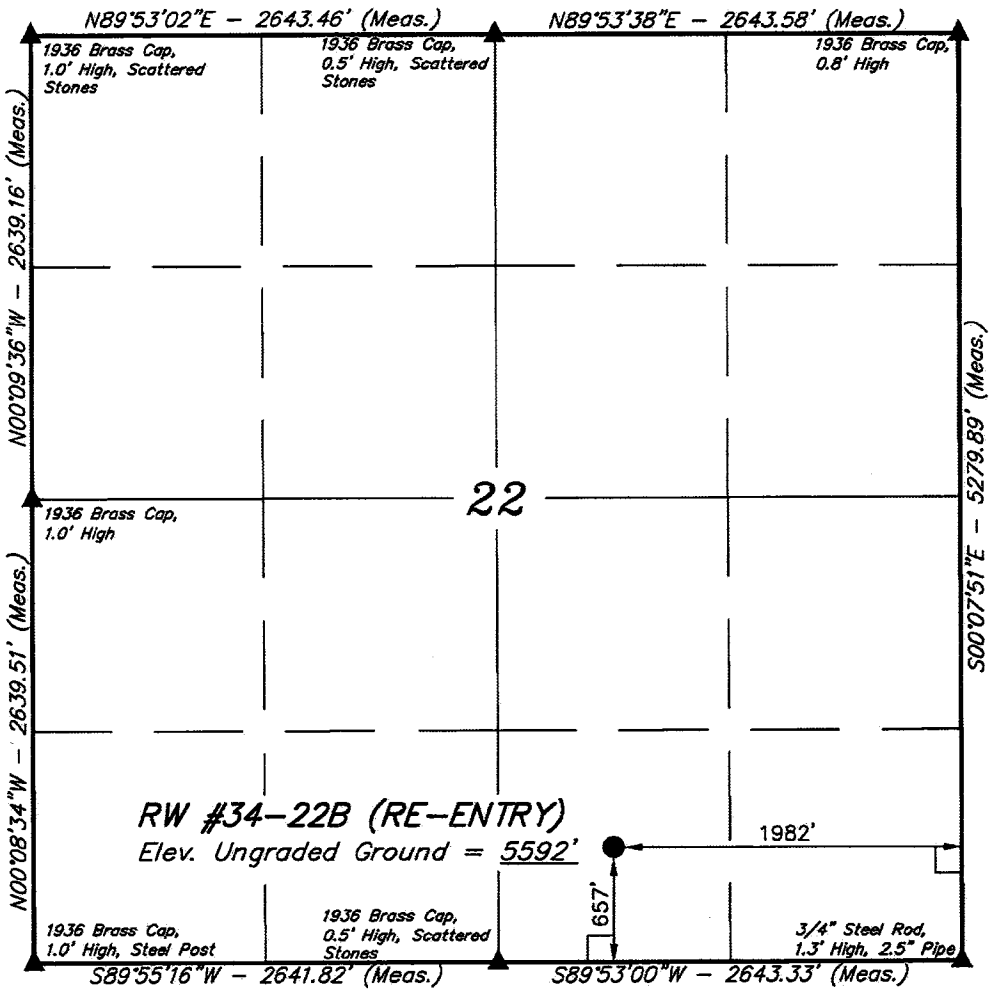
Approved by the Utah Division of Oil, Gas and Mining

Date: 05-02-11

By:

NAME (PLEASE PRINT) Valyn Davis	**PHONE NUMBER** 435 781-4369	**TITLE** Regulatory Affairs Analyst	
SIGNATURE N/A		**DATE** 4/25/2011	

T7S, R23E, S.L.B.&M.



QEP ENERGY COMPANY

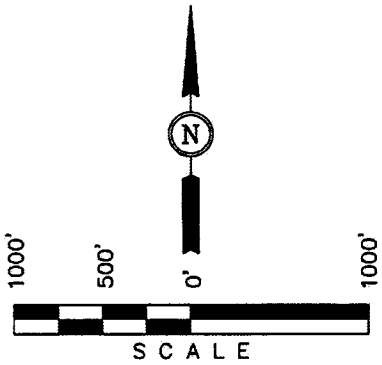
Well location, RW #34-22B (RE-ENTRY), located as shown in the SW 1/4 SE 1/4 of Section 22, T7S, R23E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (20EAM) LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M., TAKEN FORM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR No. 161319 STATE OF UTAH ROBERT L. KAY

LEGEND:

└ = 90° SYMBOL
● = PROPOSED WELL HEAD.
▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°11'22.54" (40.189594)
LONGITUDE = 109°18'39.09" (109.310858)
(NAD 27)
LATITUDE = 40°11'22.68" (40.189633)
LONGITUDE = 109°18'36.64" (109.310178)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 11-4-10	DATE DRAWN: 11-29-10
PARTY: A.F. J.I.	REFERENCES: G.L.O. PLAT	
WEATHER: COOL	FILE: QEP ENERGY COMPANY	

QEP Energy Company
RW 34-22B Drilling Prog
API: 43-047-15158
Summarized Re-Entry Procedure

1. Clear location of all unnecessary equipment.
2. MIRU pulling unit.
3. ND tubing head, NU BOP's (3M).
4. Kill well if necessary.
5. POOH with all existing production equipment and tubing.
6. Completions will prep well for re-entry.
7. POOH.
8. ND BOP's
9. RD pulling unit, move off location.
10. MIRU drilling rig.
11. NU rig's 5M BOPE.
12. Drill out shoe and down to 10,954'.
13. Log well. Triple or Quad-Combo (GR, NEU/DEN, IND, RES, SON)
14. RIH with 4-1/2" 11.6# HCP-110 casing and cement.
15. ND BOP's.
16. RDMO.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 34-22B (API#: 43-047-15158)

RE-ENTRY DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated top of important geologic markers are as follows:

Formation	Depth, TVD & MD
Green River	2,884'
Mahogany	3,624'
Original TD	5,720'
Wasatch	6,169'
Mesaverde	8,434'
Sego	10,854'
TD	10,954'

2. Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones

The estimated depths at which the top of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered as follows:

Substance	Formation	Depth, TVD & MD
Gas	Wasatch	6,169'
Gas	Mesaverde	8,434'
Gas	Sego	10,854'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125

(which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment

A. 7 1/16" or 11" as available 5000 psi double ram with blind rams and pipe rams, annular preventer and drilling spool or BOP with 2 side outlets.

B. All BOP connections subject to pressure shall be flanged, welded or clamped.

C. Kill line (2" min), 2 choke line valves (3" min), choke line (3" min), 2 kill line valves (2" min) and a check valve, 2 chokes with one remotely controlled from rig floor and a pressure gauge on choke manifold.

D. Upper and Lower Kelly cock valves with handles and safety valve and subs to fit all drill string connections.

E. IBOP or float sub available.

F. Fill up line must be installed above the uppermost preventer.

G. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.	Expected MW(ppg)
13 ¾"	10 ¾"	sfc	397'	40.5#	J-55	STC	Existing	N/A
8 3/4"	7"	sfc	5,720'	23#	J-55	LTC	Existing	N/A
6 1/8"	4 1/2"	sfc	10,954'	11.6#	HCP-110	LTC	New	8.8 – 9.6

Casing Strengths:				Collapse	Burst	Tensile (min)
10 ¾"	40.5#	J-55	STC	1,580 psi	3,130 psi	420,000 lb.
7"	23#	J-55	LTC	3,270 psi	4,360 psi	313,000 lb.
4 1/2"	11.6#	HCP-110	LTC	8,830 psi	10,710 psi	279,000 lb.

Casing Design Factors
Burst: 1.1
Collapse: 1.1
Tension: 1.4

Maximum anticipated mud weight: 10.5 ppg
Maximum anticipated surface treating pressure: 7,200 psi

5. Cementing Program

4-1/2" Production Casing:

Lead Slurry: 3,000' (TOC) – 5,720. 100 sks (301 ft^3) Halliburton Extendacem, 3 pps Silicalite (extender), 1 pps Granulite TR ¼ (LCM), 0.125 pps Poly – E – Flake. Slurry Weight 11.0 lb/gal, 3.18 ft^3/sk, 0% excess

Tail Slurry: 5,720' – 10,954'. 370 sks (619 ft^3), Halliburton Expandacem, 0.2% Super CBL (Expander), 0.45% HR-5 (Retarder), 1 pps Granulite TR ¼, 0.125 pps Poly-E-Flake (LCM). Slurry Weight 13.5 lb/gal, 1.71 ft^3/sk, 25% excess over gauge open hole.

*Final cement volumes to be calculated from caliper log and will attempt to pump cement to 3,000'.

6. Auxiliary Equipment

A. Kelly Cock – yes

B. Float at the bit – yes

C. Monitoring equipment on the mud system – PVT/Flow Show

D. Full opening safety valve on the rig floor – yes

E. Drilling below the 7" casing will be done with water based mud. Maximum anticipated mud weight is 10.5 ppg.

F. No minimum quantity of weight material will be required to be kept on location.

G. Gas detector will be used from intermediate casing depth to TD.

7. Testing, logging and coring program

A. Cores – none.

B. DST – none anticipated

C. Logging – Mud logging – Intermediate Casing to TD
OH Logs: GR-SP-Induction, Neutron Density.

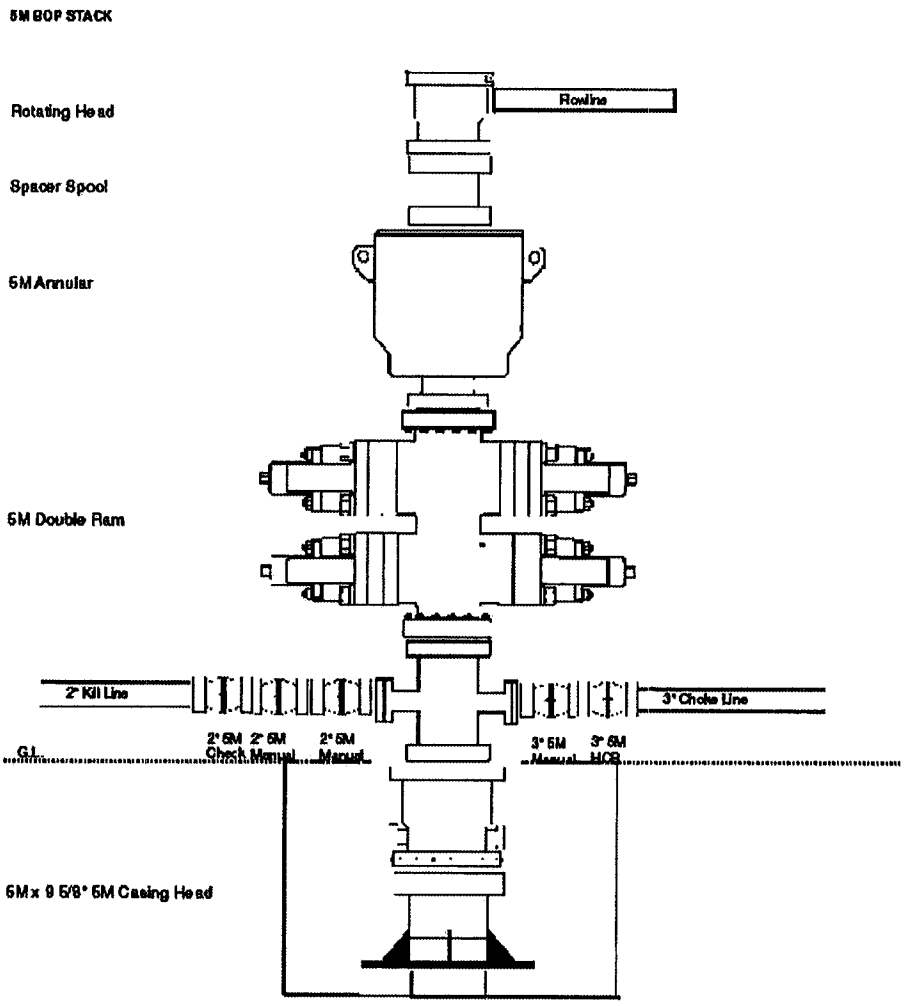
D. Formation and Completion Interval:
– Stimulation will be designed for the particular area of interest as encountered.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

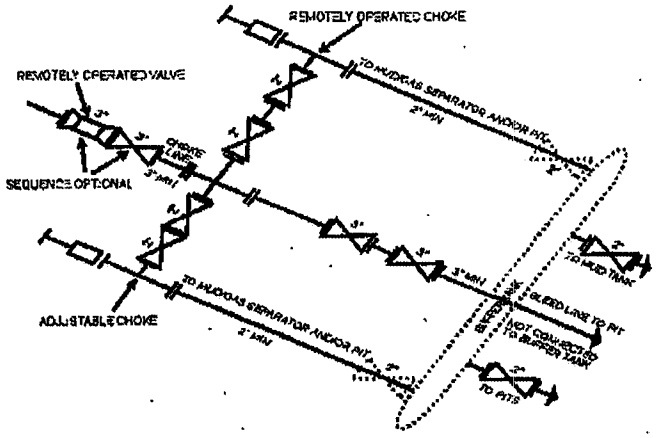
No abnormal temperatures or pressures are anticipated. Maximum anticipated bottom hole pressure equals approximately 5,981 psi. Maximum anticipated bottom hole temperature is 210° F.

H2S has not been encountered in other wells drilled to similar depths in the general area.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 34-22B (API#: 43-047-15158)



ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 34-22B (API#: 43-047-15158)



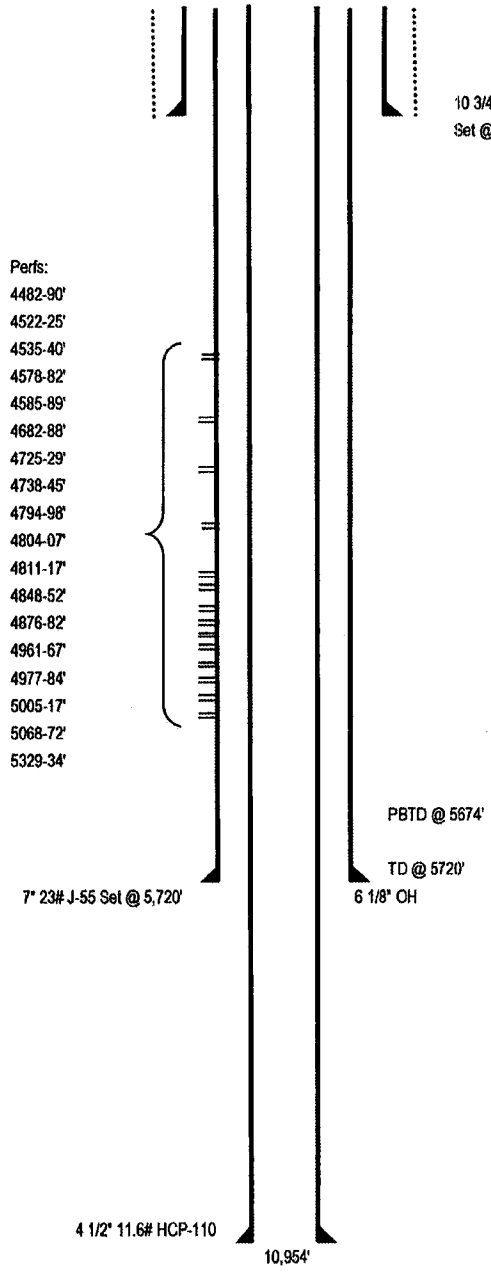
5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Although not required for any of the choke manifold systems, buffer tanks are sometimes installed downstream of the choke assemblies for the purpose of manifolding the bleed lines together. When buffer tanks are employed, valves shall be installed upstream to isolate a failure or malfunction without interrupting flow control. Though not shown on 2M, 3M, 10M, OR 15M drawings, it would also be applicable to those situations.

[54 FR 39528, Sept. 27, 1989]

Updated MPG 12-16-2010

RW 34-22B
API# 43-047-15158
SWSE Sec 22 T7S R23E
Uintah County, Utah
KB 5,606'
GL 5,592'
Original Spud 12/10/1953



QEP ENERGY COMPANY
RW 34-22B
657' FSL 1982' FEL
SWSE, SECTION 22, T7S, R23E
UINTAH COUNTY, UTAH
LEASE # UTU-081

ONSHORE ORDER NO. 1
MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the RW 34-22B on April 13, 2011. Weather conditions were sunny at the time of the onsite. In attendance at the inspection were the following individuals:

Kevin Sadlier	Bureau of Land Management
Aaron Roe	Bureau of Land Management
Holly Villa	Bureau of Land Management
Daniel Emmett	Bureau of Land Management
Jan Nelson	QEP Energy Company
Stephanie Tomkinson	QEP Energy Company
Ryan Angus	QEP Energy Company
Valyn Davis	QEP Energy Company
Eric Wickersham	QEP Energy Company
Andy Floyd	Uintah Engineering & Land Surveying

1. **Existing Roads:**

The proposed well site is approximately 25 miles South of Vernal, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

All existing roads will be maintained and kept in good repair during all phases of operation.

2. **Planned Access Roads:**

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Refer to Topo Map B for the location of the proposed access road.

No new access road is proposed. The access to be used is the access to the existing RW 34-22B location. Graveling or capping the roadbed will be performed as necessary to provide a well constructed safe road. Should conditions warrant, rock, gravel or culverts will be installed as needed.

3. **Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

The following guidelines will apply if the well is productive.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed.

All loading lines will be placed inside the berm surrounding the tank batteries.

All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a color approved by the State.

It was determined on the onsite by the BLM VFO AO that the facilities will be painted Covert Green.

Refer to Topo Map D for the location of the proposed pipeline.

All existing equipment will be moved off location before any construction begins.

The proposed surface pipeline will be constructed utilizing existing disturbed areas to minimize surface disturbance. No construction activities will be allowed outside of the permitted ROW area.

Prior to construction, the Permittee will develop a plan of installation to minimize surface disturbance. Pipe will be strung along the ROW with either a flatbed trailer and rubber tired backhoe or a tracked typed side boom. Where surface conditions do not allow the pipe to be strung along the ROW using conventional methods, the Permittee will utilize pull sections to run the fabricated pipe through the area from central staging areas along the ROW.

Upon completion of stringing activities the Permittee will fabricate the pipeline on wooden skids adjacent to the centerline of the ROW using truck mounted welding machines. All fabricated piping will be lowered off of the wooden skids and placed

along the ROW centerline. Upon completion of all activities, the wooden skids will be removed from the ROW using a flatbed truck or flatbed truck and trailer.

When the surface terrain prohibits the Permittee from safely installing the pipeline along the permitted ROW, grading of the permitted ROW will be required. Prior to installing the pipeline in these areas a plan will be developed to safely install the pipeline while minimizing grading activities and surface disturbances. Additionally, erosion control Best Management Practices will be installed as needed prior to the start of any grading activities. Surface grading will be limited to what is needed to safely install the pipeline. Track type bulldozers and track type backhoes will be utilized for grading activities.

Upon completion of the pipeline installation, the permitted ROW will be restored to the pre-disturbance surface contours.

The proposed pipeline will be a surface 10" or smaller, 2,123' in length, containing 1.46 acres.

Road Crossings

Fusion Bond or concrete coated pipe will be used for all road crossings to alleviate future corrosion.

All pipe and fittings used for road crossings will be prefabricated within the proposed ROW to minimize the duration of open pipe trench across the roadway. Pipe used for road crossings will be isolated on each end with a flange set and insulation kit and cathodically protected with a magnesium type anode. Adequately sized equipment will be used for minor and major road crossings. Depth of cover for minor roads will be >4' and the depth of cover for major roads will be >6'.

Prior to lowering the pipe in the trench, the Permittee will "Jeep" the pipe to locate and repair any Holidays in the pipe coating. Upon lowering the pipe in the trench, 6" of bedding and a minimum of 6" of shading will be installed to protect the pipe using either native soils <1" in diameter or imported sand. Pipe trenches that extend across gravel roads will be backfilled with native soils to within 8" of the driving surface and capped with 3/4" road base. Pipe trenches that extend across asphalt paved roads will be backfilled to 4" of the driving surface with 3/4" road base and capped asphalt material.

5. Location and Type of Water Supply:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Water for drilling purposes would be obtained from Wonsits Valley Water Right # A 36125 (which was filed on May 7, 1964) or Red Wash Water Right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System.

6. **Source of Construction Materials:**

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.

7. **Methods of Handling Waste Materials:**

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 6 months after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

It will be determined at the on-site inspection if a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner, a minimum of 20 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place.

No trash or scrap will be disposed of in the pit.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days.

After the 90 day period, the produced water will be contained in tanks on location and then hauled by truck to one of the following pre-approved disposal sites:

Red Wash disposal well located in the NESW, Section 28, T7S, R22E,

Red Wash disposal well located in the NESW, Section 28, T7S, R22E,
West End Disposal located in the NESE, Section 28, T7S, R22E,
or approved third-party surface evaporative pits.

Produced water, oil, and other byproducts will not be applied to roads or well pads for the control of dust or weeds. The dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site. The spills will be reported to the AO and other authorities as appropriate.

A chemical porta-toilet will be furnished with the drilling rig. The chemical porta-toilet wastes will be hauled to Ashley Valley Sewer and Water System for disposal.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. All trash and waste material will be hauled to the Uintah County Landfill.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas. Specific APD's shall address any modifications from this policy.

8. Ancillary Facilities:

None anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram rig orientation, parking areas, and access roads, as well as the location of the following:

The reserve pit.

The stockpiled topsoil (first six inches), will not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with topsoil.

The flare pit or flare box will be located downwind from the prevailing wind direction.

Any drainage that crosses the well location will be diverted around the location by using ditches, water diversion drains or berms. If deemed necessary at the on-site, erosion drains may be installed to contain sediments that could be produced from access roads and well locations.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

10. Fencing Requirements:

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched using a stretching device before it is attached to corner posts.

The reserve pit will be fenced on three (3) sides during drilling operations. The fourth side will be put in place when the rig moves off location. The pit will be fenced and maintained until it is backfilled. If drilling operations does not commence within 3 days, the fourth side of the fence will be installed

11. Plans for Reclamation of the Surface:

Please refer to QEP Energy Company Uinta Basin Division Reclamation Plan

Site Specific Procedures:

Site Specific Reclamation Summary:

Reclamation will follow Questar Exploration and Production Company, Uinta Basin Division's Reclamation Plan, September 2009 (Questar's Reclamation Plan) and the BLM Green River District Reclamation Guidelines.

All trash and debris will be removed from the disturbed area.

The disturbed area will be backfilled with subsoil.

Topsoil will be spread to an even, appropriate depth and disked if needed.

Water courses and drainages will be restored.

Erosion control devices will be installed where needed.

Seeding will be done in the fall, prior to ground freeze up.

Seed mix will be submitted to a BLM AO for approval prior to seeding.

Monitoring and reporting will be conducted as stated in Questar's Reclamation Plan. A sundry notice (Form 3160.5), for the Reference Site will be filed at a later date.

It was determined and agreed upon that there is 4" inches of top soil.

12. Surface Ownership:

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
(435) 781-4400

13. Other Information:

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on December 16, 2010, **Moac Report No. 10-247** by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A Class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted on December 14, 2010, **IPC # 10-261** by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide Paleo monitor if needed.

Per the on-site on April 13, 2011, the following items were requested/discussed.

Oil stained dirt on the east edge of pad will be cleaned up and properly disposed of prior to construction.

Additional Operator Remarks

QEP Energy Company proposes to deepen the existing well bore for the RW 34-22B and drill to a depth of 10,954' to test the Mesa Verde Formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

Please see Onshore Order No. 1.

Please refer to QEP Energy Company Greater Deadman Bench
EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

Please be advised that QEP Energy Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Energy Company via surety as consent as provided for the 43 CFR 3104.2.

QEP ENERGY COMPANY

RW #34-22B (RE-ENTRY)

LOCATED IN UINTAH COUNTY, UTAH
SECTION 22, T7S, R23E, S.L.B.&M.

PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY

PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: WESTERLY

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS	11 MONTH	12 DAY	10 YEAR	PHOTO
TAKEN BY: A.F.	DRAWN BY: J.L.G.	REVISED: 00-00-00		

QEP ENERGY COMPANY

LOCATION LAYOUT FOR

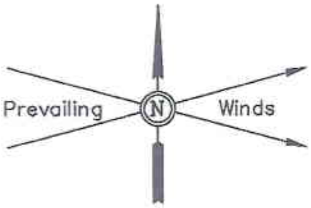
RW #34-22B (RE-ENTRY)

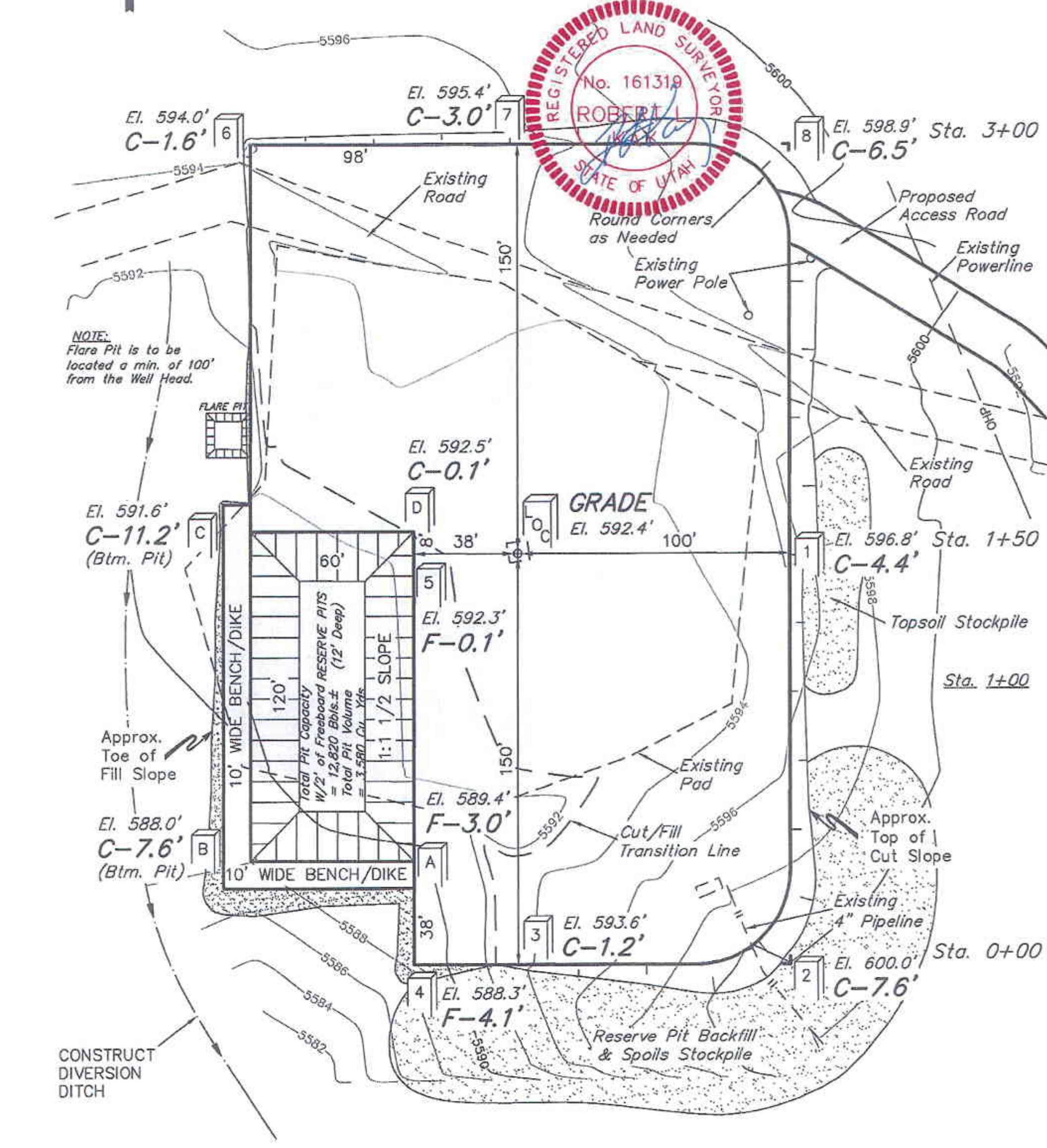
SECTION 22, T7S, R23E, S.L.B.&M.

657' FSL 1982' FEL

FIGURE #1

SCALE: 1" = 50'
DATE: 11-29-10
DRAWN BY: J.I.





Elev. Ungraded Ground At Loc. Stake = 5592.4'

FINISHED GRADE ELEV. AT LOC. STAKE = 5592.4'

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

QEP ENERGY COMPANY

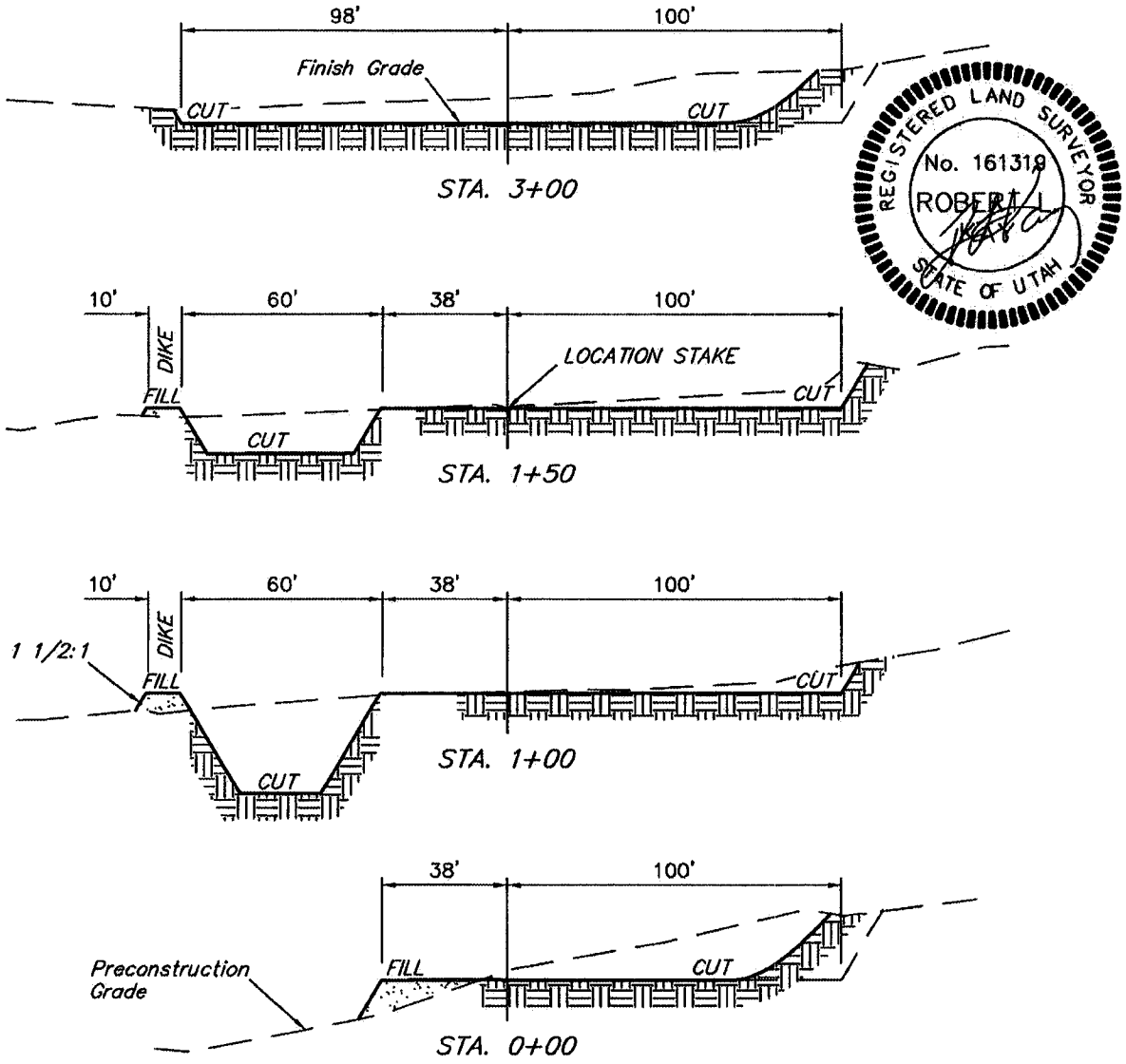
TYPICAL CROSS SECTIONS FOR

RW #34-22B (RE-ENTRY)
SECTION 22, T7S, R23E, S.L.B.&M.
657' FSL 1982' FEL

FIGURE #2

1" = 20'
X-Section Scale
1" = 50'

DATE: 11-29-10
DRAWN BY: J.I.



NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES

EXISTING WELL SITE DISTURBANCE = ± 0.716 ACRES
PROPOSED WELL SITE DISTURBANCE = ± 0.629 ACRES
ACCESS ROAD DISTURBANCE = ± 0.094 ACRES
PIPELINE DISTURBANCE = ± 1.462 ACRES
TOTAL = ± 2.901 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping (New Construction Only)	=	520 Cu. Yds.
Remaining Location	=	5,160 Cu. Yds.
TOTAL CUT	=	5,680 CU.YDS.
FILL	=	630 CU.YDS.

EXCESS MATERIAL	=	5,050 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	1,500 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	3,550 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*

QEP ENERGY COMPANY

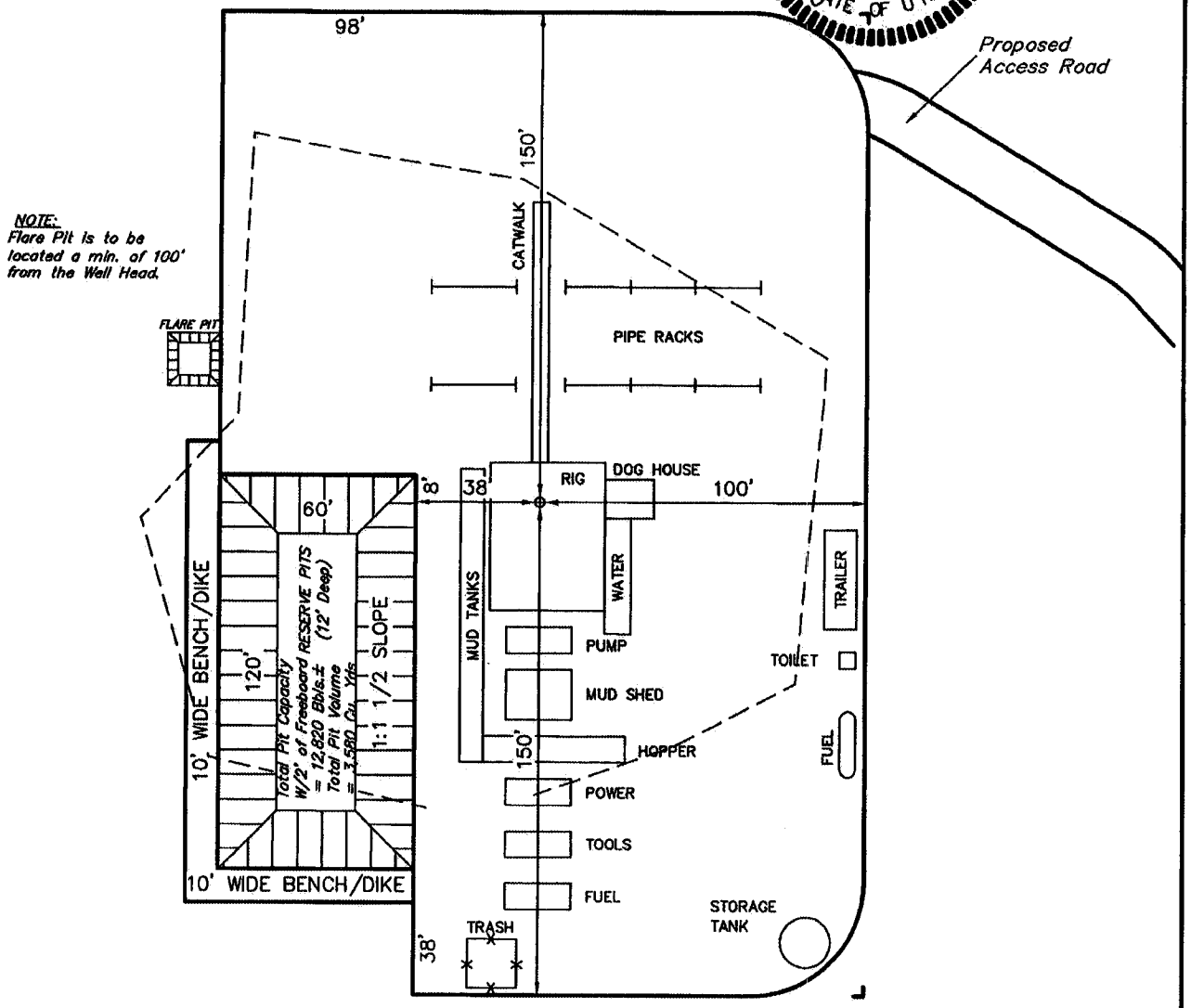
TYPICAL RIG LAYOUT FOR

RW #34-22B (RE-ENTRY)
SECTION 22, T7S, R23E, S.L.B.&M.
657' FSL 1982' FEL

FIGURE #3

SCALE: 1" = 50'
DATE: 11-29-10
DRAWN BY: J.I.

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L
STATE OF UTAH



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*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*

QEP ENERGY COMPANY

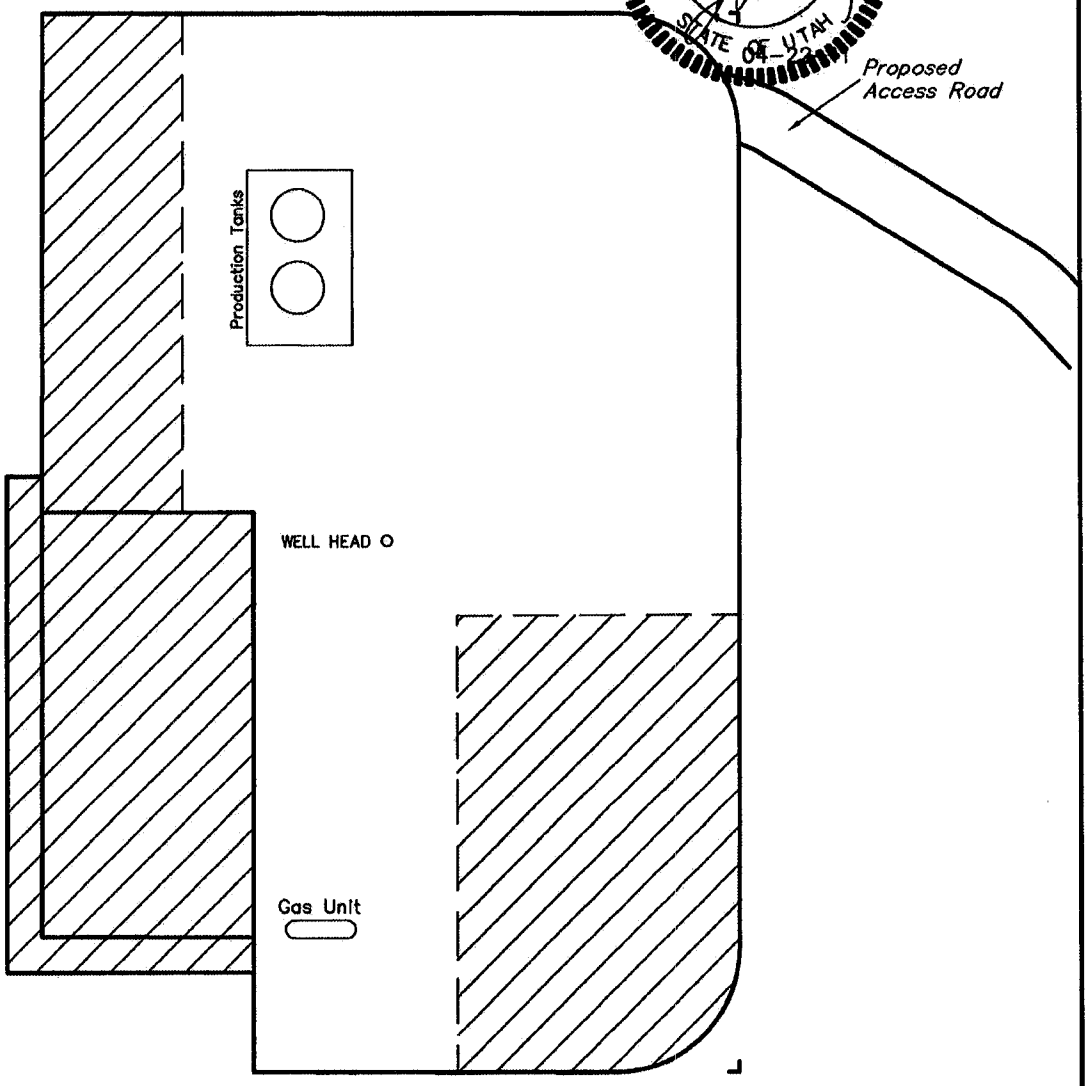
PRODUCTION FACILITY LAYOUT FOR

RW #34-22B (RE-ENTRY)
SECTION 22, T7S, R23E, S.L.B.&M.
657' FSL 1982' FEL

FIGURE #4

SCALE: 1" = 50'
DATE: 11-29-10
DRAWN BY: J.I.
REV.: 04-22-11 J.I.

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L
STATE OF UTAH
04-22-11



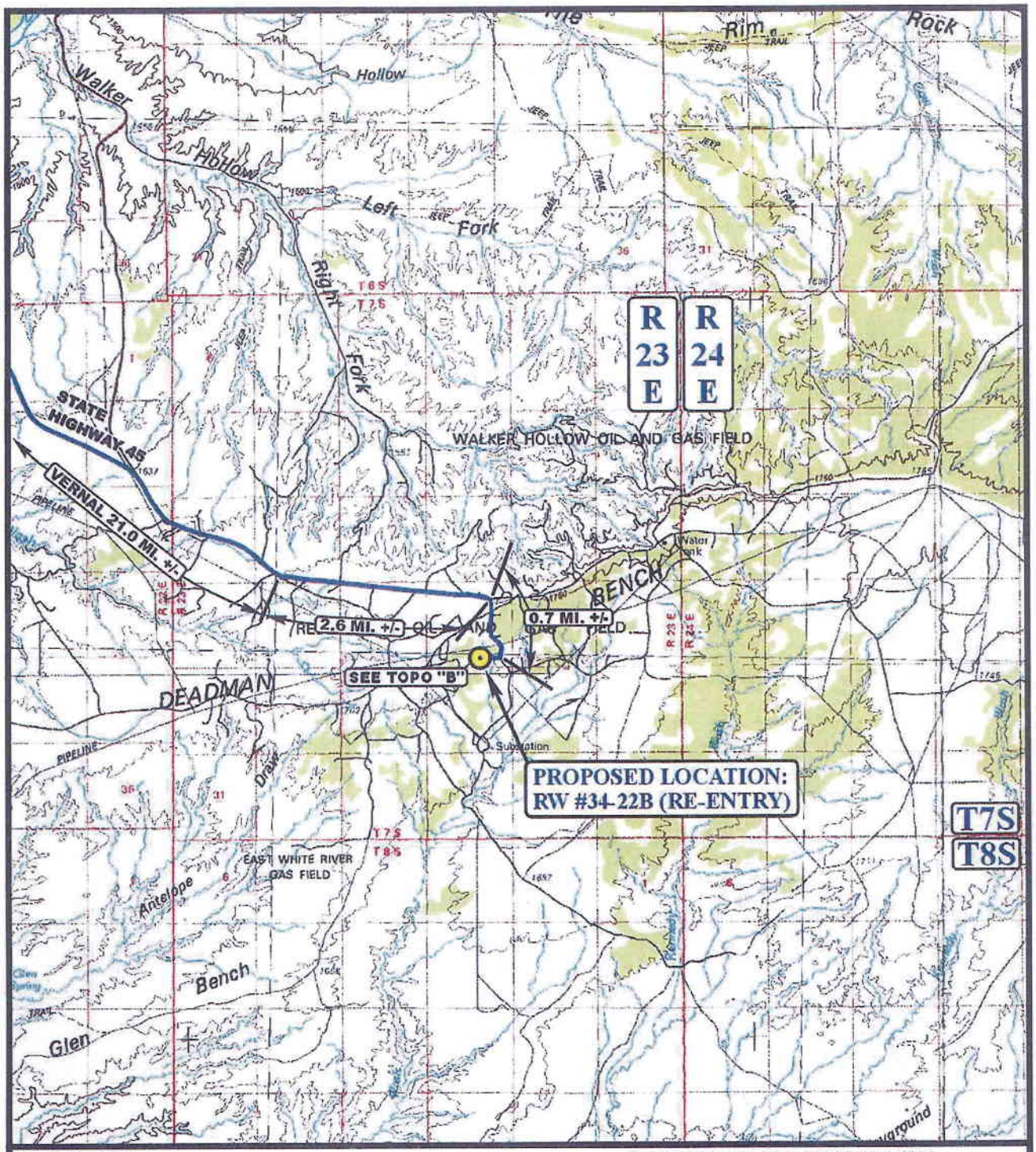
RE-HABBED AREA

UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*

QEP ENERGY COMPANY
RW #34-22B (RE-ENTRY)
SECTION 22, T7S, R23E, S.L.B.&M.

PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 2.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN THE PROPOSED ACCESS ROAD TO THE WEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 158' TO THE PROPOSED LOCATION

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 24.5 MILES.



LEGEND:

PROPOSED LOCATION

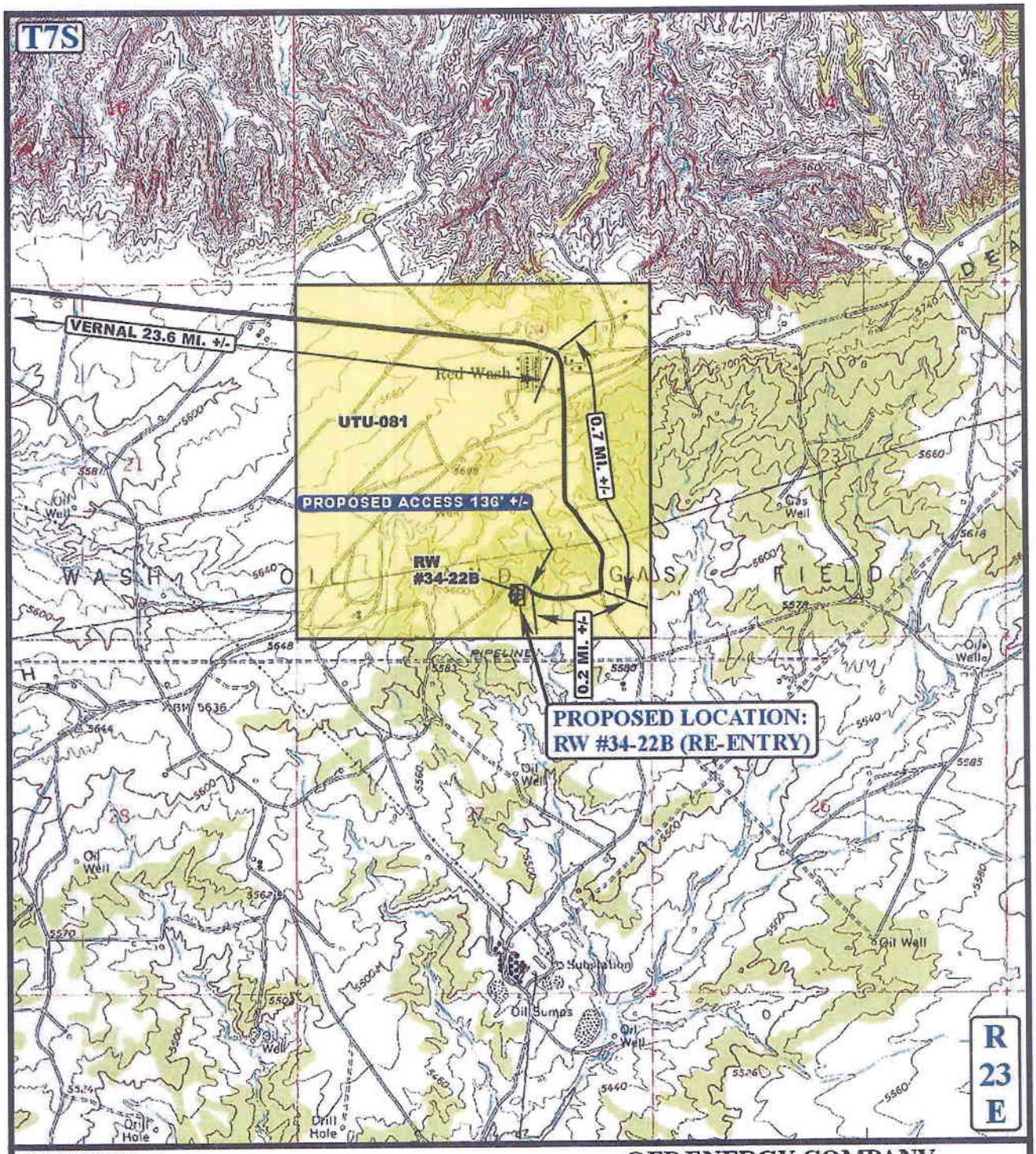
N

QEP ENERGY COMPANY

RW #34-22B (RE-ENTRY)
SECTION 22, T7S, R23E, S.L.B.&M.
657' FSL 1982' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	11 MONTH	12 DAY	10 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: J.L.G.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

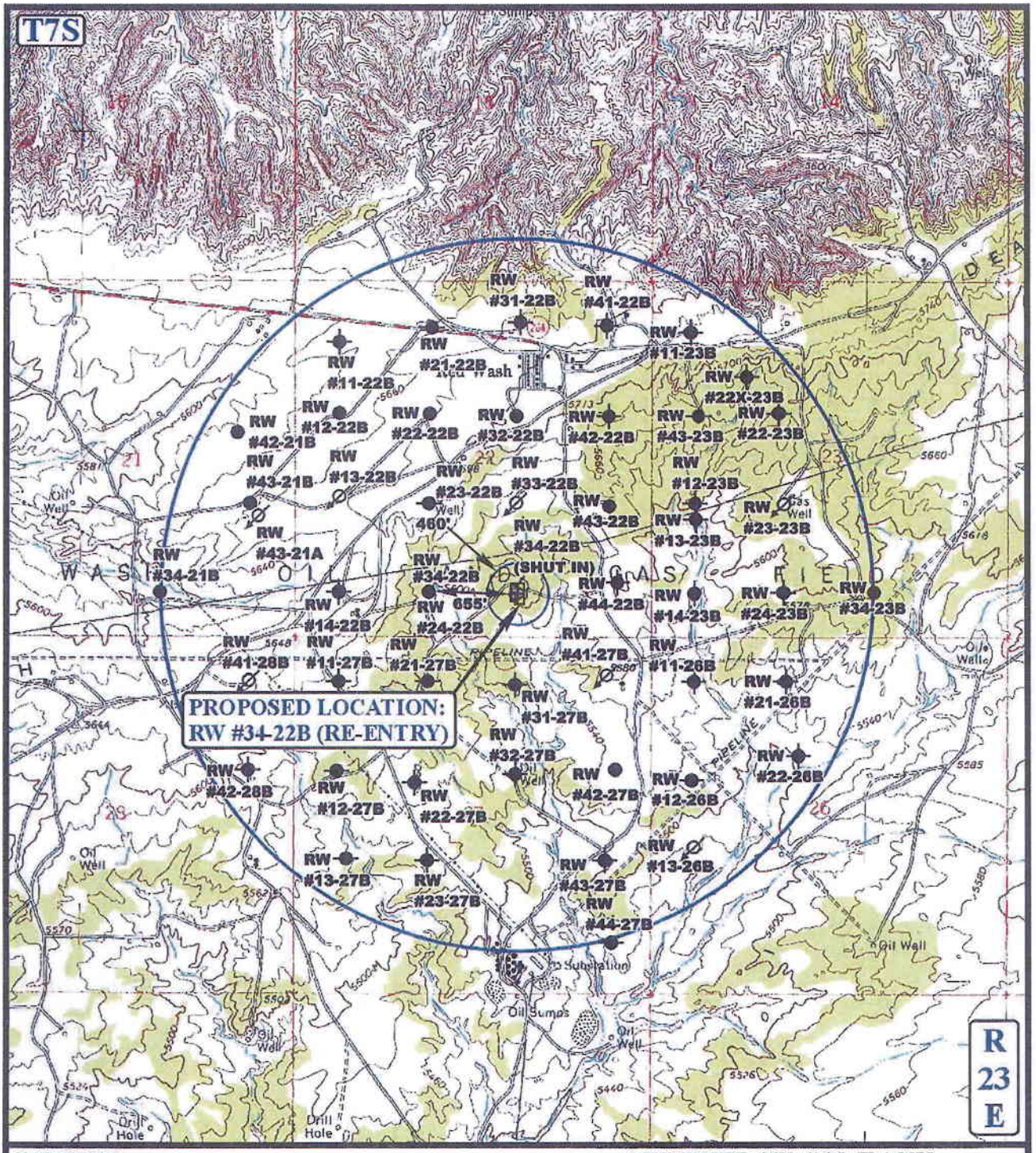
N

QEP ENERGY COMPANY

RW #34-22B (RE-ENTRY)
SECTION 22, T7S, R23E, S.L.B.&M.
657' FSL 1982' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	11 MONTH	12 DAY	10 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

QEP ENERGY COMPANY

RW #34-22B (RE-ENTRY)
SECTION 22, T7S, R23E, S.L.B.&M.
657' FSL 1982' FEL

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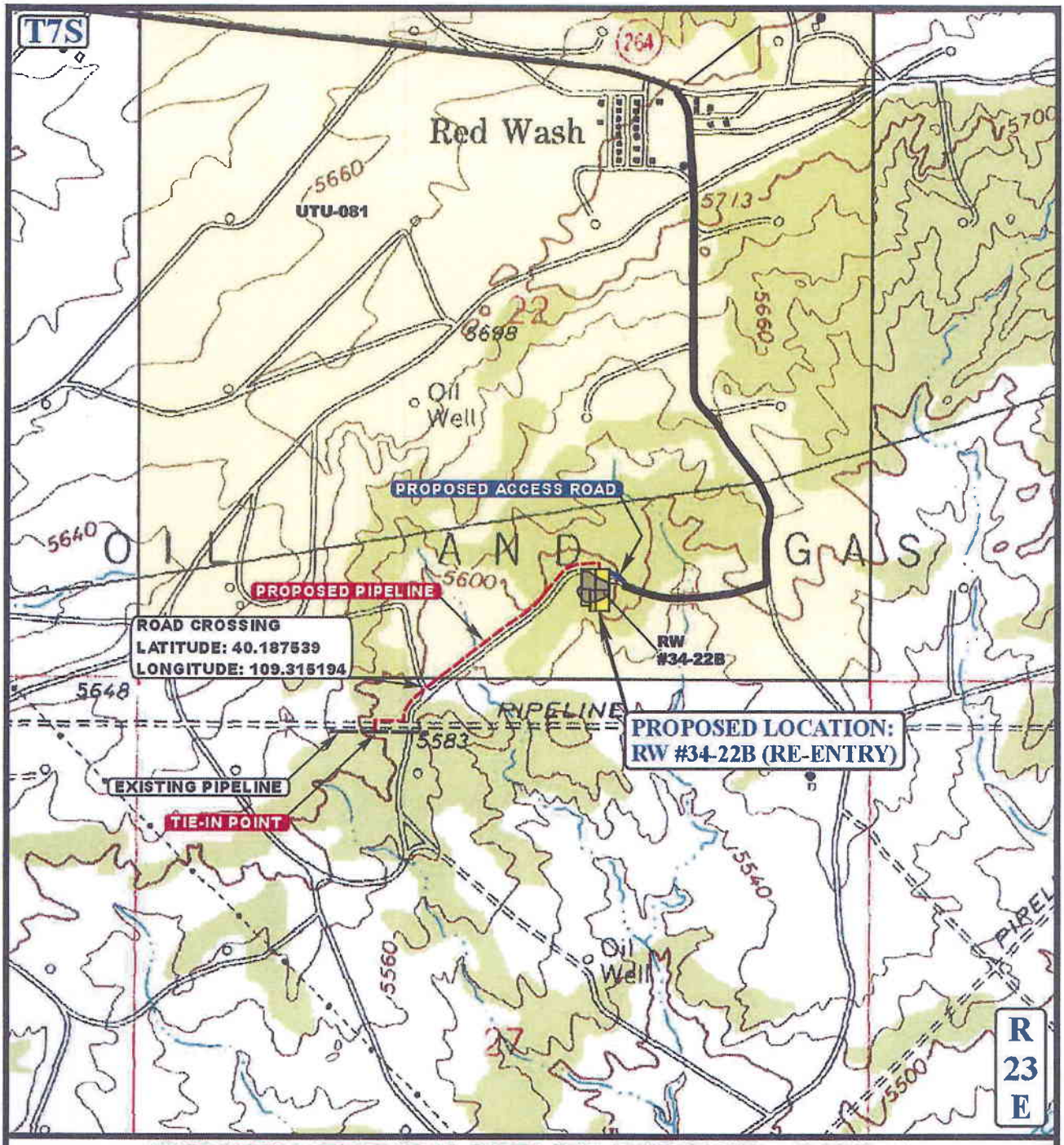
TOPOGRAPHIC MAP	11 MONTH	12 DAY	10 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 2,123' +/-

LEGEND:

EXISTING PIPELINE

PROPOSED PIPELINE

PROPOSED ACCESS

N

QEP ENERGY COMPANY

RW #34-22B (RE-ENTRY)
SECTION 22, T7S, R23E, S.L.B.&M.
657' FSL 1982' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	11 MONTH	12 DAY	10 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		

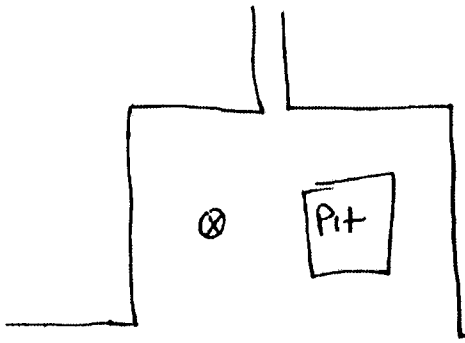
WEED DATA SHEET

PROJECT NAME: RW 34-22B **DATE:** 4-13-11
SURVEYOR: Stephanie Tomkinson

	Location GPS Coordinates	Site Description	Weed Species	Cover Class or Number	Pattern	Infestation Size (acres)
1						
2						
3						
4						
5						
6						
7						

2 leg transect
113'
60'
173'

SITE DRAWING (Optional): Include a sketch of the infestation within the project area. Count the number of individuals if possible.



tamarisk in wash
≈ 8-10 plants

(Oil stain behind pit, will clean up)

tamarisk

"cover"

Holly
Andy
Jordan
Aaron
Kevin
Dan
Eric
Jan
Valyn
Ryan

*Cover Class- estimated percent cover, by species, of the infestation
- 0 = No weeds found
- 1 = Less than 1% (trace)
- 2 = One to five % (low – occasional plants)
- 3 = Six to twenty-five % (moderate – scattered plants)
- 4 = Twenty-five to 100 % (high – fairly dense)

*Pattern – pattern of the infestation
- 0 = No weeds found
- 1 = Single plant or small area of many plants
- 2 = Linear
- 3 = Patchy
- 4 = Block

*Infestation Size – number of estimated acres of the infestation
- 0 = No weeds found
- 1 = Less than one acre
- 2 = One to five acres
- 3 = five or more acres

Cheatgrass canopy cover: 3
Russian thistle canopy cover: 3
Halogeton canopy cover: 2
Kochia canopy cover: 2

4" of TS

Russianthistle

"wild onion" N+T
Matt Flox
Mormon tea IRG
Rab. brush broom snakeweed
black sage galleta
curly cup gumweed
Juniper

WBS

weeds on pad need to be sprayed

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/25/2011

API NO. ASSIGNED: 43-047-15158

WELL NAME: RW 34-22B
OPERATOR: QEP ENERGY COMPANY (N3700)
CONTACT: VALYN DAVIS

PHONE NUMBER: 435-781-4369

PROPOSED LOCATION:
SWSE 22 070S 230E
SURFACE: 0657 FSL 1982 FEL
BOTTOM: 0657 FSL 1982 FEL
COUNTY: UINTAH
LATITUDE: 40.18962 LONGITUDE: -109.31011
UTM SURF EASTINGS: 643856 NORTHINGS: 4449963
FIELD NAME: RED WASH (665)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
LEASE NUMBER: U-081
SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat
✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESB000024)
N Potash (Y/N)
N Oil Shale 190-5 (B) or 190-3 or 190-13
✓ Water Permit
(No. 49-2153)
N RDCC Review (Y/N)
(Date:)
N/A Fee Surf Agreement (Y/N)
N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.
Unit: RED WASH
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
✓ Drilling Unit
Board Cause No: 187-07
Eff Date: 9-18-2007
Siting: Suspend General Siting
___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: Federal Approval

API Number: 4304715158

Well Name: RW 34-22B

Township T0.7 . Range R2.3 . Section 22

Meridian: SLBM

Operator: QEP ENERGY COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERMAL
- PP OIL
- SECONDARY
- TERMINATED

Fields
STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED
- Sections
- Township

Wells Query
Status
- APD - Aproved Permit
- DRL - Spudded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

1,250 625 0 1,250 Feet

1:12,000

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

April 28, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Red Wash Unit, Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for re-entry, deepening and completion in the Mesaverde Formation. The work is planned for calendar year 2011 within the Red Wash Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Mesaverde)		
43-047-31576	RW 42-23B	Sec 23 T07S R23E 1980 FNL 0661 FEL
43-047-30518	RW 24-26B	Sec 26 T07S R23E 0591 FSL 2008 FWL
43-047-15158	RW 34-22B	Sec 22 T07S R23E 0657 FSL 1982 FEL
43-047-15191	RW 21-27B	Sec 27 T07S R23E 0661 FNL 1977 FWL
43-047-15272	RW ~~21~~ 12-20B	Sec 20 T07S R23E 1980 FNL 0660 FWL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.04.28 11:27:17 -06'00'

bcc: File - Red Wash Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:4-28-11

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

May 2, 2011

QEP Energy Company
11002 East 17500 South
Vernal, UT 84078

Subject: RW 34-22B Well, 657' FSL, 1982' FEL, SW SE, Sec. 22, T. 7 South, R. 23 East, Uintah County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann.§40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause: 187-07. The expected producing formation or pool is the Mesaverde Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-15158.

Sincerely,

John Rogers
Associate Director

JR/js
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR
OIL, GAS & MINING

Operator: QEP Energy Company

Well Name & Number RW 34-22B

API Number: 43-047-15158

Lease: UTU-081

Location: SW SE **Sec.** 22 **T.** 7 South **R.** 23 East

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

   - Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please let a voicemail message if not available)
     OR
     Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dustin Doucet at (801) 538-5281 office
     (801) 733-0983 after office hours

3. Reporting Requirements

   All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited:

   - Entity Action Form (Form 6) – due within 5 days of spudding the well
   - Monthly Status Report (Form 9) – due by 5th day of the following calendar month
   - Requests to Change Plans (Form 9) – due prior to implementation
   - Written Notice of Emergency Changes (Form 9) – due within 5 days
   - Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
   - Report of Water Encountered (Form 7) – due within 30 days after completion
   - Well Completion Report (Form 8) – due within 30 days after completion or plugging

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RED WASH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: RW 34-22B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047151580000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0657 FSL 1982 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 22 Township: 07.0S Range: 23.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 2/15/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: CONFIDENTIAL

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY REQUESTS THIS WELL BE FILED AS "CONFIDENTIAL".

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
February 21, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst
SIGNATURE		**DATE**
N/A		2/15/2012

RECEIVED: Feb. 15, 2012

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RED WASH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: RW 34-22B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047151580000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0657 FSL 1982 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 22 Township: 07.0S Range: 23.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ SPUD REPORT Date of Spud: 3/23/2012	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Drilling of this well commenced on March 23, 2012.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
March 26, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jan Nelson	435 781-4331	Permit Agent
SIGNATURE		**DATE**
N/A		3/26/2012

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RED WASH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: RW 34-22B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047151580000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0657 FSL 1982 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 22 Township: 07.0S Range: 23.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 4/19/2012	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☑ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well commenced production on April 19, 2012 @ 4:30 p.m.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
April 26, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jan Nelson	435 781-4331	Permit Agent
SIGNATURE		**DATE**
N/A		4/23/2012

RECEIVED: Apr. 23, 2012

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: QEP ENERGY COMPANY
Operator Account Number: N 3700
Address: 11002 EAST 17500 SOUTH
city VERNAL
state UT zip 84078
Phone Number: (435) 781-4369

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304715158	RW 34-22B		SWSE	22	7S	23E	UINTAH
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
E	5670	18478	3/23/2012			1/1/2012	

Comments: GRRV TO MVRD
WMMFD is unit pa
CONFIDENTIAL 4.18.12.

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

ACTION CODES:

- **A** - Establish new entity for new well (single well only)
- **B** - Add new well to existing entity (group or unit well)
- **C** - Re-assign well from one existing entity to another existing entity
- **D** - Re-assign well from one existing entity to a new entity
- **E** - Other (Explain in 'comments' section)

Valyn Davis
Name (Please Print)
Valyn Davis
Signature
Regulatory Affairs Analyst
Title
3/27/2012
Date

RECEIVED
MAR 28 2012
Div. of Oil, Gas & Mining

(5/2000)

Sundry Number: 25820 API Well Number: 43047151580000

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: U-081

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RED WASH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: RW 34-22B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047151580000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0657 FSL 1982 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 22 Township: 07.0S Range: 23.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 5/16/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY WOULD LIKE TO OPTIMIZE BOTTOM HOLE SPACING OF THE MESA VERDE DEVELOPMENT; THEREFORE, QEP ENERGY COMPANY WOULD LIKE TO DRILL THIS WELL DIRECTIONALLY.

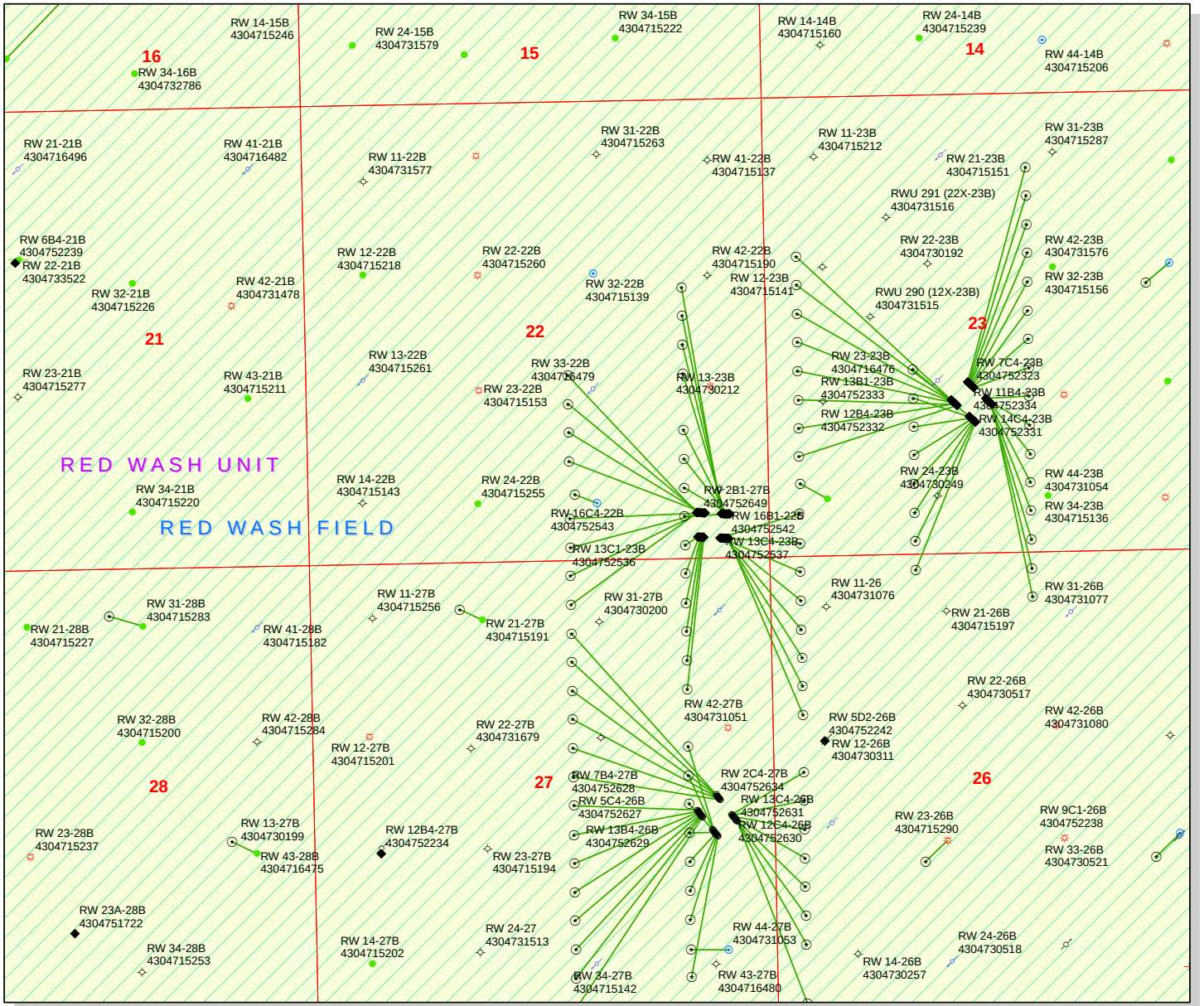
Approved by the Utah Division of Oil, Gas and Mining

Date: May 21, 2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst
SIGNATURE N/A		**DATE** 5/16/2012

RECEIVED: May. 16, 2012



API Number: 4304715158

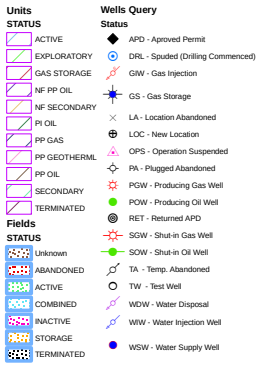
Well Name: RW 34-22B

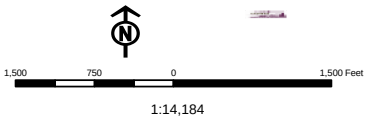
Township T0.7 . Range R2.3 . Section 22

Meridian: SLBM

Operator: QEP ENERGY COMPANY

Map Prepared:
Map Produced by Diana Mason





1:14,184

RECEIVED: May. 18, 2012

QEP Energy Company

11002 East 17500 South
Vernal, UT 84078
Telephone 435-781-4331
Fax 435-781-4395

May 16, 2012

Ms. Diana Mason
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

RE: Directional Drilling R649-3-11
Red Wash Unit
RW 34-22B
657' FSL 1982' FEL, SWSE, Section 22, T7S, R23E (Surface)
757' FSL 2235' FEL, SWSE, Section 22, T7S, R23E (Bottom Hole)
Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing of QEP Energy Company Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649 -3-11 pertaining to the location and drilling of a directional well.

QEP Energy Company would like to optimize the bottom hole spacing of the Mesa Verde development; therefore, QEP Energy Company would like to drill this well directionally.

Furthermore, QEP Energy Company certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

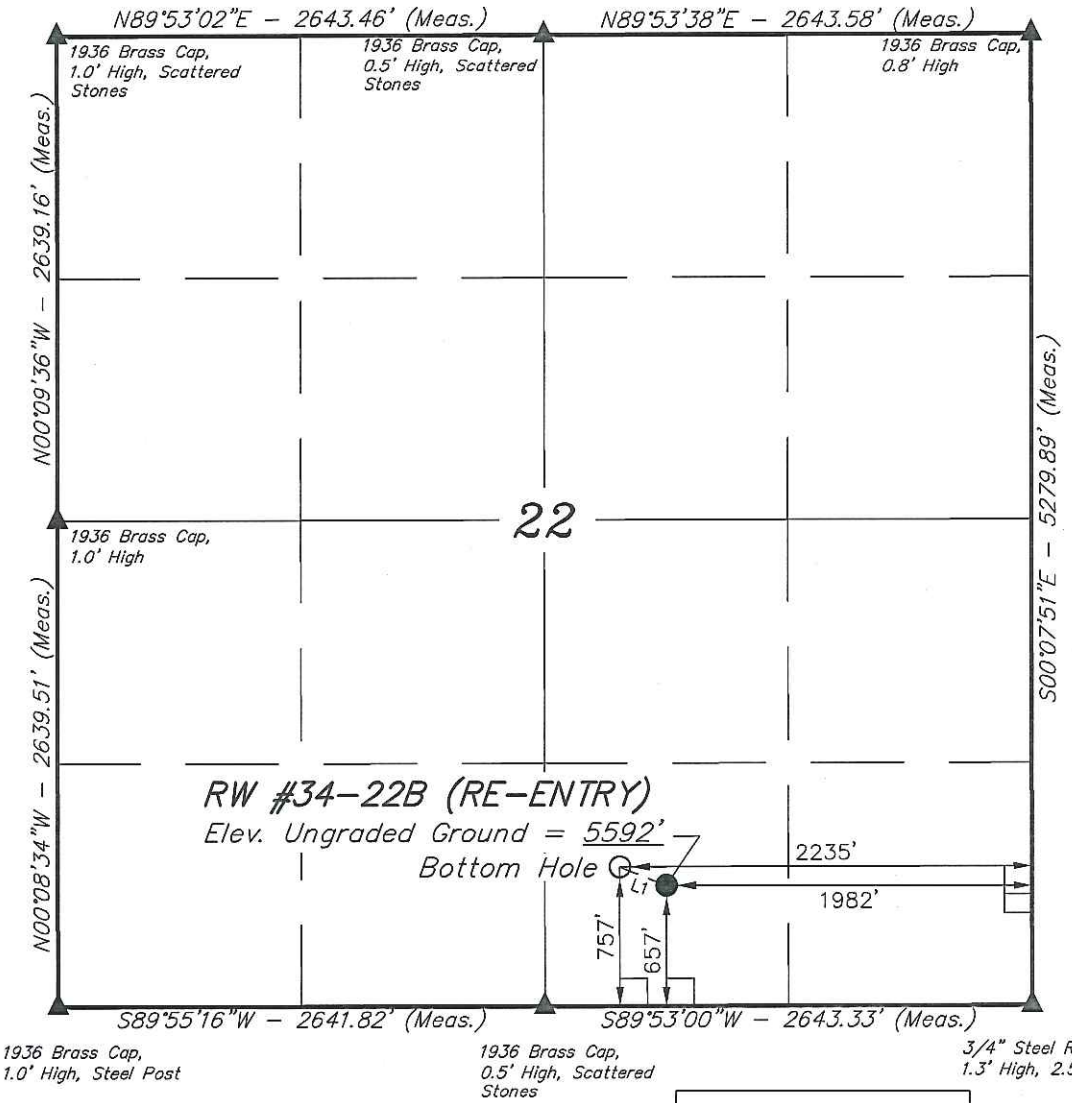
Therefore, based on the above stated information QEP Energy Company requests the permit be granted pursuant to Rule R649-3-11.

Sincerely,

QEP Energy Company

Jan Nelson
Permit Agent

T7S, R23E, S.L.B.&M.



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N68°43'39"W	273.21'

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°11'23.52" (40.189867)	LATITUDE = 40°11'22.54" (40.189594)
LONGITUDE = 109°18'42.37" (109.311769)	LONGITUDE = 109°18'39.09" (109.310858)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°11'23.65" (40.189903)	LATITUDE = 40°11'22.68" (40.189633)
LONGITUDE = 109°18'39.91" (109.311086)	LONGITUDE = 109°18'36.64" (109.310178)

QEP ENERGY COMPANY

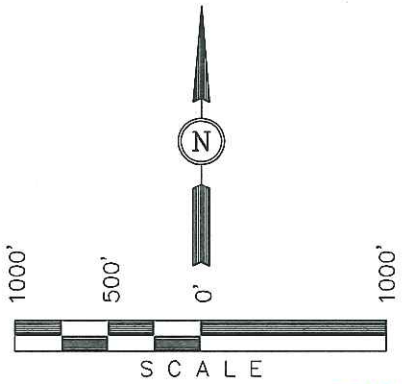
Well location, RW #34-22B (RE-ENTRY), located as shown in the SW 1/4 SE 1/4 of Section 22, T7S, R23E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (20EAM) LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M., TAKEN FORM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR No. 161319 ROBERT KAY STATE OF UTAH 05-15-12

REVISED: 05-11-12 R.L.L.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	11-4-10	11-29-10
PARTY: A.F. J.I.	REFERENCES: G.L.O. PLAT	
WEATHER: COOL	FILE: QEP ENERGY COMPANY	

QEP Energy Company

QEP ENERGY (UT)

Red Wash
RW 34-22B
RW 34-22B

Re-Entry

Plan: Plan ver.1

Standard Planning Report

08 March, 2012

QEP Energy Company

QEP Energy Company

QEP Resources, Inc.
Planning Report

QEP Energy Company

Database:	EDMDB_QEP	**Local Co-ordinate Reference:**	Well RW 34-22B
Company:	QEP ENERGY (UT)	**TVD Reference:**	RKB @ 5606.40usft (AZTEC 781)
Project:	Red Wash	**MD Reference:**	RKB @ 5606.40usft (AZTEC 781)
Site:	RW 34-22B	**North Reference:**	True
Well:	RW 34-22B	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Re-Entry		
Design:	Plan ver.1		

Project	Red Wash		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site	RW 34-22B				
Site Position:		**Northing:**	7,245,268.864 usft	**Latitude:**	40.189595
From:	Lat/Long	**Easting:**	2,251,922.331 usft	**Longitude:**	-109.310859
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	1.40 °

Well	RW 34-22B					
Well Position	**+N/-S**	0.00 usft	**Northing:**	7,245,268.860 usft	**Latitude:**	40.189595
	+E/-W	0.00 usft	**Easting:**	2,251,922.331 usft	**Longitude:**	-109.310859
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	5,592.40 usft	**Ground Level:**	5,592.40 usft

Wellbore	Re-Entry			
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	2/27/2012	10.93	66.04	52,383

Design	Plan ver.1			
Audit Notes:				
Version:		**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.00	0.00	0.00	291.27

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,716.00	0.00	0.00	5,716.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,139.26	8.47	297.47	6,137.72	14.40	-27.69	2.00	2.00	0.00	297.47	
8,223.92	8.47	297.47	8,199.67	155.98	-299.96	0.00	0.00	0.00	0.00	
8,224.25	8.47	297.48	8,200.00	156.00	-300.00	1.50	1.48	1.68	9.51	
8,984.81	3.00	131.00	8,958.39	168.83	-334.79	1.50	-0.72	-21.89	-176.45	
11,015.20	3.00	131.00	10,986.00	99.12	-254.59	0.00	0.00	0.00	0.00	

QEP Energy Company

QEP Resources, Inc.
Planning Report

QEP Energy Company

Database:	EDMDB_QEP	**Local Co-ordinate Reference:**	Well RW 34-22B
Company:	QEP ENERGY (UT)	**TVD Reference:**	RKB @ 5606.40usft (AZTEC 781)
Project:	Red Wash	**MD Reference:**	RKB @ 5606.40usft (AZTEC 781)
Site:	RW 34-22B	**North Reference:**	True
Well:	RW 34-22B	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Re-Entry		
Design:	Plan ver.1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,716.00	0.00	0.00	5,716.00	0.00	0.00	0.00	0.00	0.00	0.00
6,139.26	8.47	297.47	6,137.72	14.40	-27.69	31.03	2.00	2.00	0.00
8,223.92	8.47	297.47	8,199.67	155.98	-299.96	336.11	0.00	0.00	0.00
8,224.25	8.47	297.48	8,200.00	156.00	-300.00	336.16	1.50	1.48	1.68
8,984.81	3.00	131.00	8,958.39	168.83	-334.79	373.23	1.50	-0.72	-21.89
11,015.20	3.00	131.00	10,986.00	99.12	-254.59	273.20	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
RW 34-22B	0.00	0.00	8,400.00	159.84	-316.81	7,245,420.890	2,251,601.730	40.190033	-109.311993
- plan misses target center by 8.69usft at 8425.18usft MD (8399.42 TVD, 166.95 N, -321.77 E)									
- Circle (radius 100.00)									

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
5,716.00	5,716.00	7"	7	9

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,876.00	2,876.00	Green River		0.00	
3,616.00	3,616.00	Mahog. Bench		0.00	
6,162.79	6,161.00	Wasatch		0.00	
8,451.87	8,426.00	Mesaverde		0.00	
10,915.06	10,886.00	Sego		0.00	

QEP Energy Company

Company Name: QEP ENERGY (UT)

Azimuths to True North
Magnetic North: 10.93°

Magnetic Field
Strength: 52382.7snT
Dip Angle: 66.04°
Date: 2/27/2012
Model: IGRF2010

Project: Red Wash
Site: RW 34-22B
Well: RW 34-22B
Wellbore: Re-Entry
Design: Plan ver.1

WELL DETAILS: RW 34-22B

Ground Level: 5592.40

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7245268.860	2251922.331	40.189594	-109.310858	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well RW 34-22B, True North
Vertical (TVD) Reference: RKB @ 5606.40usft (AZTEC 781)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: RKB @ 5606.40usft (AZTEC 781)
Calculation Method: Minimum Curvature

PROJECT DETAILS: Red Wash

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

System Datum: Mean Sea Level

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
RW 34-22B	8400.00	159.84	-316.81	7245420.890	2251601.730	Circle (Radius: 100.00)

SECTION DETAILS

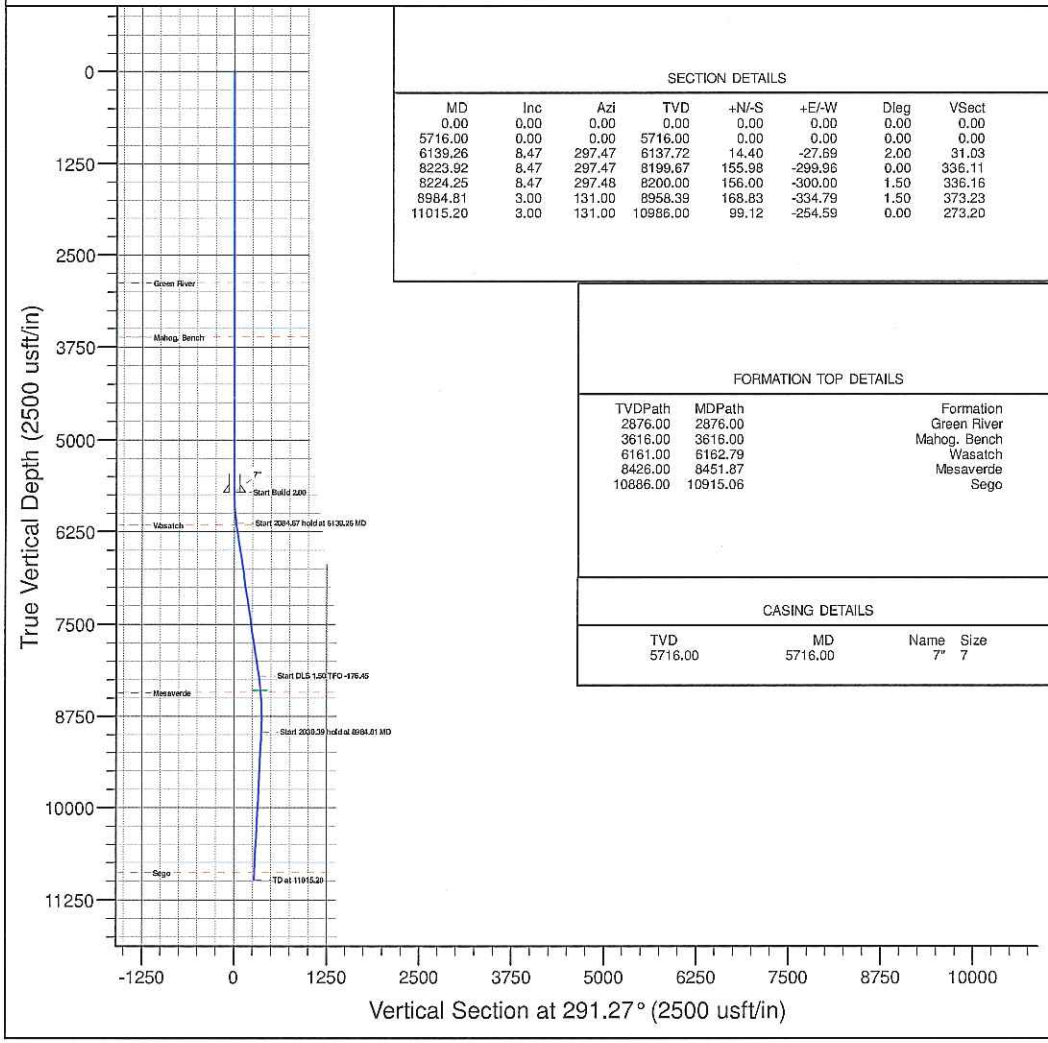
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5716.00	0.00	0.00	5716.00	0.00	0.00	0.00	0.00
6139.26	8.47	297.47	6137.72	14.40	-27.59	2.00	31.03
8223.92	8.47	297.47	8199.67	155.98	-299.96	0.00	336.11
8224.25	8.47	297.48	8200.00	156.00	-300.00	1.50	336.16
8984.81	3.00	131.00	8958.39	168.83	-334.79	1.50	373.23
11015.20	3.00	131.00	10986.00	99.12	-254.59	0.00	273.20

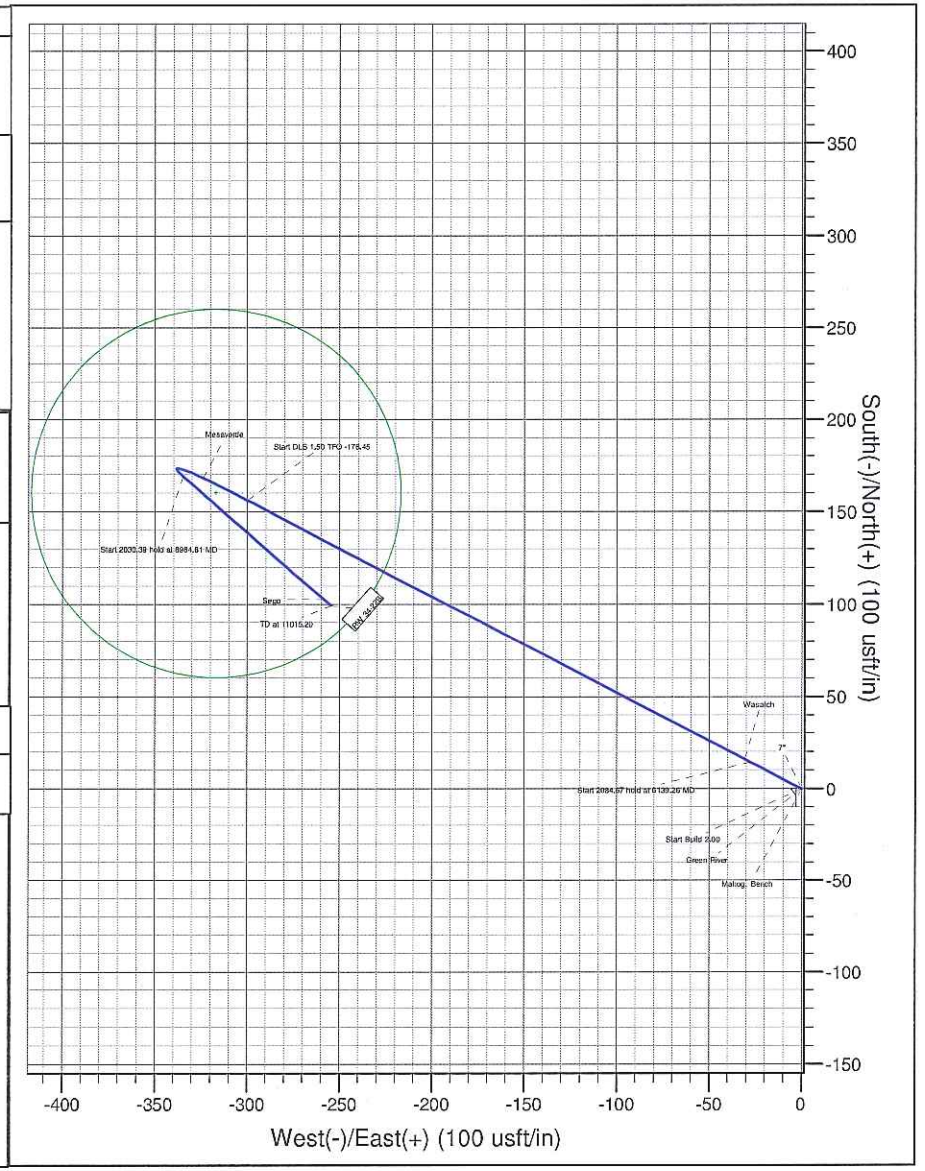
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2876.00	2876.00	Green River
3616.00	3616.00	Mahog. Bench
6161.00	6162.79	Wasatch
8426.00	8451.87	Mesaverde
10886.00	10915.06	Sego

CASING DETAILS

TVD	MD	Name	Size
5716.00	5716.00	7"	7





Sundry Number: 25820 API Well Number: 43047151580000

CONFIDENTIAL

RECEIVED
JUL 12 2012
DIV. OF OIL, GAS & MINING

Co:	Native Navigation	**Units:**	Feet, °, °/100ft	**VS Az:**	291.36
Drillers:	Scriver/Seacat	**Elevation:**	5606.40	**Map System:**	2 SP NAD 83
Well Name:	RW 34-22B 43-047-15158	**Northing:**	7245268.86	**Latitude:**	40.189595
Location:	Unitah County, Vernal UT	**Easting:**	2251922.33	**Longitude:**	-109.310859

Method: Minimum Curvature

7S 23E 22

QEP Energy: RW 34-22B SVYS

No.	MD	CL	Inc.	Azi.	TVD	VS	+N/S-	+E/W-	BR	WR	DLS	Comments
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				Surface
2	25.00	25.00	0.14	209.76	25.00	0.00	-0.03	-0.02	0.56	839.04	0.56	Gyro
3	100.00	75.00	0.06	317.55	100.00	0.05	-0.08	-0.09	-0.11	143.72	0.22	Gyro
4	200.00	100.00	0.54	8.36	200.00	0.21	0.43	-0.05	0.48	50.81	0.50	Gyro
5	300.00	100.00	0.43	32.22	299.99	0.24	1.21	0.21	-0.11	23.86	0.23	Gyro
6	400.00	100.00	0.45	10.25	399.99	0.25	1.92	0.48	0.02	-21.97	0.17	Gyro
7	500.00	100.00	0.53	39.94	499.99	0.17	2.66	0.85	0.08	29.69	0.26	Gyro
8	600.00	100.00	0.34	82.22	599.99	-0.23	3.05	1.44	-0.19	42.28	0.36	Gyro
9	700.00	100.00	0.48	8.21	699.98	-0.40	3.51	1.80	0.14	-74.01	0.51	Gyro
10	800.00	100.00	0.48	39.87	799.98	-0.43	4.24	2.12	0.00	31.66	0.26	Gyro
11	900.00	100.00	0.53	345.69	899.98	-0.30	5.01	2.28	0.05	-54.18	0.46	Gyro
12	1000.00	100.00	0.69	6.11	999.97	0.13	6.06	2.23	0.16	20.42	0.27	Gyro
13	1100.00	100.00	0.72	354.02	1099.96	0.58	7.28	2.23	0.03	-12.09	0.15	Gyro
14	1200.00	100.00	0.66	344.04	1199.96	1.22	8.46	2.00	-0.06	-9.98	0.13	Gyro
15	1300.00	100.00	0.47	357.59	1299.95	1.73	9.43	1.83	-0.19	13.55	0.23	Gyro
16	1400.00	100.00	0.11	345.79	1399.95	1.95	9.93	1.79	-0.36	-11.80	0.36	Gyro
17	1500.00	100.00	0.03	309.37	1499.95	2.03	10.04	1.74	-0.08	-36.42	0.09	Gyro
18	1600.00	100.00	0.08	50.46	1599.95	2.02	10.10	1.78	0.05	101.09	0.09	Gyro
19	1700.00	100.00	0.21	107.75	1699.95	1.81	10.09	2.01	0.13	57.29	0.18	Gyro
20	1800.00	100.00	0.31	137.77	1799.95	1.38	9.83	2.36	0.10	30.02	0.17	Gyro
21	1900.00	100.00	0.32	127.67	1899.95	0.87	9.46	2.76	0.01	-10.10	0.06	Gyro
22	2000.00	100.00	0.41	124.48	1999.95	0.25	9.09	3.28	0.09	-3.19	0.09	Gyro
23	2100.00	100.00	0.42	111.54	2099.94	-0.46	8.75	3.92	0.01	-12.94	0.09	Gyro
24	2200.00	100.00	0.51	117.58	2199.94	-1.27	8.41	4.65	0.09	6.04	0.10	Gyro
25	2300.00	100.00	0.27	95.62	2299.94	-1.94	8.18	5.28	-0.24	-21.96	0.28	Gyro
26	2400.00	100.00	0.52	143.94	2399.94	-2.55	7.79	5.78	0.25	48.32	0.40	Gyro
27	2500.00	100.00	0.86	99.27	2499.93	-3.66	7.30	6.79	0.34	-44.67	0.61	Gyro
28	2600.00	100.00	0.75	123.26	2599.92	-5.04	6.82	8.08	-0.11	23.99	0.35	Gyro
29	2700.00	100.00	1.07	112.16	2699.91	-6.61	6.11	9.49	0.32	-11.10	0.36	Gyro
30	2800.00	100.00	1.03	99.11	2799.89	-8.42	5.62	11.24	-0.04	-13.05	0.24	Gyro
31	2900.00	100.00	0.95	95.34	2899.87	-10.10	5.40	12.96	-0.08	-3.77	0.10	Gyro
32	3000.00	100.00	0.81	133.65	2999.86	-11.55	4.83	14.29	-0.14	38.31	0.59	Gyro
33	3100.00	100.00	0.67	148.14	3099.86	-12.67	3.85	15.11	-0.14	14.49	0.23	Gyro
34	3200.00	100.00	1.09	194.50	3199.84	-13.26	2.43	15.18	0.42	46.36	0.79	Gyro
35	3300.00	100.00	1.59	194.37	3299.82	-13.54	0.17	14.60	0.50	-0.13	0.50	Gyro

36	3400.00	100.00	0.76	169.17	3399.80	-14.06	-1.83	14.38	-0.83	-25.20	0.96 Gyro
37	3500.00	100.00	0.73	132.28	3499.79	-15.01	-2.91	14.98	-0.03	-36.89	0.47 Gyro
38	3600.00	100.00	0.75	121.70	3599.78	-16.25	-3.68	16.01	0.02	-10.58	0.14 Gyro
39	3700.00	100.00	1.02	101.42	3699.77	-17.77	-4.20	17.43	0.27	-20.28	0.41 Gyro
40	3800.00	100.00	1.14	102.07	3799.75	-19.63	-4.59	19.28	0.12	0.65	0.12 Gyro
41	3900.00	100.00	1.15	105.28	3899.73	-21.61	-5.06	21.22	0.01	3.21	0.06 Gyro
42	4000.00	100.00	1.15	113.15	3999.71	-23.61	-5.72	23.11	0.00	7.87	0.16 Gyro
43	4100.00	100.00	1.34	101.65	4099.69	-25.76	-6.35	25.18	0.19	-11.50	0.31 Gyro
44	4200.00	100.00	1.28	106.55	4199.66	-28.03	-6.90	27.40	-0.06	4.90	0.13 Gyro
45	4300.00	100.00	1.48	117.07	4299.63	-30.43	-7.81	29.62	0.20	10.52	0.32 Gyro
46	4400.00	100.00	1.35	125.38	4399.60	-32.85	-9.08	31.73	-0.13	8.31	0.24 Gyro
47	4500.00	100.00	1.03	131.56	4499.58	-34.84	-10.36	33.36	-0.32	6.18	0.34 Gyro
48	4600.00	100.00	1.09	131.22	4599.56	-36.58	-11.58	34.75	0.06	-0.34	0.06 Gyro
49	4700.00	100.00	1.21	126.83	4699.54	-38.49	-12.84	36.31	0.12	-4.39	0.15 Gyro
50	4800.00	100.00	1.11	122.05	4799.52	-40.46	-13.99	37.97	-0.10	-4.78	0.14 Gyro
51	4900.00	100.00	1.26	139.77	4899.50	-42.38	-15.34	39.51	0.15	17.72	0.39 Gyro
52	5000.00	100.00	1.18	125.04	4999.48	-44.35	-16.77	41.06	-0.08	-14.73	0.32 Gyro
53	5100.00	100.00	0.91	138.89	5099.46	-46.05	-17.96	42.42	-0.27	13.85	0.37 Gyro
54	5200.00	100.00	0.80	142.41	5199.45	-47.35	-19.11	43.37	-0.11	3.52	0.12 Gyro
55	5300.00	100.00	0.97	132.59	5299.44	-48.74	-20.24	44.42	0.17	-9.82	0.23 Gyro
56	5400.00	100.00	0.69	131.25	5399.43	-50.10	-21.21	45.50	-0.28	-1.34	0.28 Gyro
57	5500.00	100.00	0.58	128.35	5499.42	-51.15	-21.92	46.35	-0.11	-2.90	0.11 Gyro
58	5591.00	91.00	0.33	111.66	5590.42	-51.85	-22.30	46.95	-0.27	-18.34	0.31 Tie In
59	5741.00	150.00	1.00	228.60	5740.41	-51.68	-23.33	46.37	0.45	77.96	0.79 Mud Pulse
60	5805.00	64.00	2.20	275.20	5804.39	-50.25	-23.58	44.73	1.87	72.81	2.62 Mud Pulse
61	5869.00	64.00	3.20	274.30	5868.32	-47.36	-23.34	41.72	1.56	-1.41	1.56 Mud Pulse
62	5933.00	64.00	3.50	272.70	5932.21	-43.80	-23.11	37.99	0.47	-2.50	0.49 Mud Pulse
63	5997.00	64.00	4.60	282.80	5996.05	-39.41	-22.45	33.54	1.72	15.78	2.04 Mud Pulse
64	6060.00	63.00	6.60	292.90	6058.74	-33.29	-20.48	27.74	3.17	16.03	3.53 Mud Pulse
65	6125.00	65.00	8.50	295.30	6123.18	-24.77	-16.98	19.95	2.92	3.69	2.96 Mud Pulse
66	6188.00	63.00	9.00	295.70	6185.44	-15.21	-12.85	11.30	0.79	0.63	0.80 Mud Pulse
67	6252.00	64.00	9.20	294.20	6248.64	-5.11	-8.58	2.13	0.31	-2.34	0.48 Mud Pulse
68	6317.00	65.00	9.50	294.30	6312.77	5.44	-4.25	-7.50	0.46	0.15	0.46 Mud Pulse
69	6381.00	64.00	11.10	300.00	6375.74	16.81	1.01	-17.65	2.50	8.91	2.96 Mud Pulse
70	6446.00	65.00	11.00	300.60	6439.54	29.11	7.29	-28.41	-0.15	0.92	0.23 Mud Pulse
71	6509.00	63.00	10.80	299.20	6501.40	40.89	13.23	-38.73	-0.32	-2.22	0.53 Mud Pulse
72	6574.00	65.00	10.20	297.30	6565.31	52.65	18.84	-49.16	-0.92	-2.92	1.07 Mud Pulse
73	6638.00	64.00	10.00	299.20	6628.32	63.79	24.15	-59.05	-0.31	2.97	0.61 Mud Pulse
74	6701.00	63.00	10.40	304.10	6690.33	74.76	30.01	-68.53	0.63	7.78	1.52 Mud Pulse
75	6765.00	64.00	10.40	306.20	6753.28	85.98	36.66	-77.98	0.00	3.28	0.59 Mud Pulse
76	6829.00	64.00	10.20	304.80	6816.24	97.07	43.31	-87.29	-0.31	-2.19	0.50 Mud Pulse

118	9496.00	63.00	1.60	321.50	9463.56	399.01	215.17	-344.29	-0.95	16.98	1.10 Mud Pulse
119	9560.00	64.00	1.50	328.90	9527.54	400.45	216.59	-345.28	-0.16	11.56	0.35 Mud Pulse
120	9623.00	63.00	0.80	337.90	9590.53	401.40	217.70	-345.87	-1.11	14.29	1.14 Mud Pulse
121	9686.00	63.00	0.60	348.30	9653.52	401.89	218.43	-346.10	-0.32	16.51	0.38 Mud Pulse
122	9750.00	64.00	0.60	358.40	9717.52	402.20	219.09	-346.18	0.00	15.78	0.17 Mud Pulse
123	9814.00	64.00	0.50	2.10	9781.52	402.42	219.71	-346.18	-0.16	5.78	0.17 Mud Pulse
124	9879.00	65.00	0.40	58.30	9846.51	402.38	220.11	-345.98	-0.15	86.46	0.67 Mud Pulse
125	9942.00	63.00	0.50	101.60	9909.51	401.98	220.17	-345.52	0.16	68.73	0.55 Mud Pulse
126	10005.00	63.00	0.90	145.20	9972.51	401.30	219.71	-344.97	0.63	69.21	1.01 Mud Pulse
127	10069.00	64.00	1.20	140.40	10036.50	400.29	218.78	-344.25	0.47	-7.50	0.49 Mud Pulse
128	10132.00	63.00	1.50	138.40	10099.48	398.98	217.65	-343.29	0.48	-3.17	0.48 Mud Pulse
129	10196.00	64.00	1.70	144.10	10163.46	397.44	216.26	-342.17	0.31	8.91	0.40 Mud Pulse
130	10259.00	63.00	1.80	144.60	10226.43	395.82	214.69	-341.05	0.16	0.79	0.16 Mud Pulse
131	10323.00	64.00	2.10	127.60	10290.39	393.86	213.16	-339.54	0.47	-26.56	1.01 Mud Pulse
132	10386.00	63.00	2.20	116.20	10353.35	391.54	211.92	-337.54	0.16	-18.10	0.70 Mud Pulse
133	10449.00	63.00	2.20	120.20	10416.30	389.14	210.78	-335.41	0.00	6.35	0.24 Mud Pulse
134	10513.00	64.00	2.30	120.60	10480.25	386.66	209.51	-333.24	0.16	0.62	0.16 Mud Pulse
135	10577.00	64.00	2.50	117.50	10544.19	384.01	208.21	-330.90	0.31	-4.84	0.37 Mud Pulse
136	10639.00	62.00	2.70	112.20	10606.13	381.20	207.03	-328.35	0.32	-8.55	0.50 Mud Pulse
137	10702.00	63.00	2.60	111.30	10669.06	378.29	205.95	-325.64	-0.16	-1.43	0.17 Mud Pulse
138	10765.00	63.00	2.70	104.10	10731.99	375.39	205.07	-322.87	0.16	-11.43	0.55 Mud Pulse
139	10829.00	64.00	2.50	100.80	10795.93	372.52	204.44	-320.04	-0.31	-5.16	0.39 Mud Pulse
140	10892.00	63.00	2.60	103.70	10858.87	369.75	203.85	-317.30	0.16	4.60	0.26 Mud Pulse
141	10956.00	64.00	2.60	96.60	10922.80	366.91	203.34	-314.45	0.00	-11.09	0.50 Mud Pulse
142	11016.00	60.00	2.80	99.30	10982.73	364.16	202.94	-311.65	0.33	4.50	0.39 Mud Pulse
143	11070.00	54.00	2.80	99.30	11036.67	361.58	202.52	-309.05	0.00	0.00	0.00 Proj. to Bit

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DIV. OF OIL, GAS & MINING

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QEP ENERGY

Operations Summary Report

Well Name: RWU 34-22B (31) 43-047-15158
Location: 22- 7-S 23-E 27
Rig Name: AZTEC

Spud Date: 12/10/1953
Rig Release: 4/6/2012
Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/19/2012	18:00 - 06:00	12.00	LOC	4	RIG DOWN READY RIG FOR TRUCKS
3/20/2012	06:00 - 18:00	12.00	LOC	3	HELD PJSA MOVED PUMPS, PRE MIX TANK, PIPE TUBS, CAT WALK, GAS BUSTER, FLARE BOX, CHOKE MANIFOLD, KOOMY HOUSE AND JUNK TUBS, UNIT,SUB, WATER TANK, DOG HOUSE,PITS,ALL HOUSES,TOP DRIVE UNIT,BAR HOPPER, 400 BLL WATER TANK,NOV CHEMICALS, 100% MOVED,
	18:00 - 06:00	12.00	LOC	4	PJSM / JSA FOR EVERY MAJOR JOB DURING RIG UP, RAISED DERRICK, LIGHTS, WIRES, HANDRAILS, STAIRS, TOP DRIVE TRACK, REPLACE 4 WAY ON KOOMY.
3/21/2012	06:00 - 03:00	21.00	LOC	4	PJSM ON ALL MAJOR JOBS, RIG UP TOP DRIVE,INSTALL TOP DRIVE HOSE WRAP,INSTALL GROUND RODS, RIG UP TARPS ON FLOOR,INSPECT BHA, RIG UP FLOOR, PIT PUMP, FIRE EXT, CHANGE OUT ALL SHAKER RUBBERS, SERVICE AND START ALL MOTORS, GERNIMO ANCOR, CHANGE OUT WENCH LINE, HANG WIRES, HOOK UP ALL PASON, GENERAL RIG UP
	03:00 - 05:00	2.00	LOC	4	QEP RIG INSPECTION AND FOLLOW UP REPAIRS
	05:00 - 06:00	1.00	BOP	1	PJSM / JHA, NIPPLE UP BOP
					LOADER WAS DOWN FROM 00:00 TO 03:00
3/22/2012	06:00 - 12:00	6.00	BOP	1	NIPPLE UP BOP, FLOW LINE, CHOKE LINE, AND BUSTER LINES
	12:00 - 17:00	5.00	BOP	2	HELD PJSM, AND TEST BOP, TEST PIPE/BLIND RAMS, TIW VALVE, I-BOP VALVE, SUPER CHOKE, CHOKE LINE VALVES AND MANIFOLD, 250 PSI LOW, 5000 PSI HIGH, TESTED ANNULAR TO 250 PSI LOW 2500 PSI HIGH
	17:00 - 18:00	1.00	TRP	1	MAKE UP DIRECTIONAL ASSEMBLY AND ORIENT
	18:00 - 18:30	0.50	RIG	1	RIG SERVICE
	18:30 - 19:30	1.00	OTH		PJSM, RIG UP PICKUP MACHINE
	19:30 - 22:30	3.00	TRP	2	PICK UP PIPE, TAG BRIDGE PLUG AT 987'
	22:30 - 01:30	3.00	OTH		DRILL BRIDGE PLUG
	01:30 - 03:30	2.00	TRP	2	PICK UP PIPE TO 2706'
	03:30 - 04:30	1.00	OTH		ROLL OUT AND STRAP PIPE
	04:30 - 06:00	1.50	TRP	2	PICK UP PIPE
3/23/2012	06:00 - 06:30	0.50	TRP	2	PICK UP 3 1/2" DRILL PIPE TAG @ 5723'
	06:30 - 07:30	1.00	CIRC	1	CIRCULATE BOTTOMS UP AND RIG DOWN WEATHERFORD LAYDOWN TRUCK
	07:30 - 09:00	1.50	OTH		HELD PJSA RIG UP AND RUN WIRELINE GYRO, WITH NATIVE NAVIGATION
	09:00 - 12:00	3.00	DRL	2	DIRECTIONAL DRILL FROM 5723 TO 5859 MADE 136', 45 FT/HR 250GPM, 230 DIFF PSI, 45 RPM, 110 DOWN HOLE RPM, 10-12 WOB, 1150 OFF BTM PSI
	12:00 - 12:30	0.50	RIG	1	ROUTINE RIG SERVICE, GREASE TOPDRIVE, AND BLOCKS
	12:30 - 17:00	4.50	DRL	2	DIRECTIONAL DRILL FROM 5859 TO 6210, MADE 351', 78 FT/HR 250GPM, 230 DIFF PSI, 45 RPM, 110 DOWN HOLE RPM, 10-12 WOB, 1150 OFF BTM PSI
	17:00 - 18:00	1.00	SUR	1	SURVEYS AND CONNECTIONS
	18:00 - 05:00	11.00	DRL	2	DIRECTIONAL DRILL FROM 6210' TO 7030, MADE 820', 74.5 FT/HR, 280GPM, 400 DIFF PSI, 40 RPM, 112 DOWN HOLE RPM, 12-14 WOB, 1300 OFF BTM PSI
	05:00 - 06:00	1.00	SUR	1	SURVEYS AND CONNECTIONS
3/24/2012	06:00 - 09:30	3.50	DRL	2	DIRECTIONAL DRILL FROM 7030 TO 7300 MADE 270', 77 FT/HR, 280GPM, 400 DIFF PSI, 40 RPM, 112 DOWN HOLE RPM, 12-14 WOB, 1830 OFF BTM PSI
	09:30 - 10:00	0.50	RIG	1	ROUTINE RIG SERVICE,
	10:00 - 16:00	6.00	DRL	2	DIRECTIONAL DRILL FROM 7300 TO 7610 MADE 310', 51.6 FT/HR, 280 GPM, 400 DIFF PSI, 40 RPM, 112 DOWN HOLE RPM, 12-14 WOB, 1830 OFF BTM PSI
	16:00 - 16:30	0.50	RIG	2	WORK ON PUMPS
	16:30 - 17:00	0.50	DRL	2	DIRECTIONAL DRILL FROM 7610 TO 7709 MADE 99', 198 FT/HR, 280 GPM, 400 DIFF PSI, 40 RPM, 112 DOWN HOLE RPM, 12-14 WOB, 1830 OFF BTM PSI
	17:00 - 18:00	1.00	SUR	1	CONNECTIONS AND SURVEYS
	18:00 - 19:00	1.00	RIG	2	PULL 5 STANDS, WELD ON PUMP (WASHED WEAR CAP GASKET SEATS) TRIP BACK IN

Operations Summary Report

Well Name: RWU 34-22B (31)
Location: 22- 7-S 23-E 27
Rig Name: AZTEC

Spud Date: 12/10/1953
Rig Release: 4/6/2012
Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/24/2012	19:00 - 03:30	8.50	DRL	2	DIRECTIONAL DRILL FROM 7709 TO 7894 MADE 185', 21.7 FT/HR, 280 GPM, 400 DIFF PSI, 40 RPM, 112 DOWN HOLE RPM, 12-14 WOB, 1830 OFF BTM PSI
	03:30 - 04:00	0.50	SUR	1	SURVEYS AND CONNECTIONS
	04:00 - 04:30	0.50	CIRC	1	CIRCULATE, PUMP SLUG
	04:30 - 06:00	1.50	TRP	12	TRIP FOR MOTOR
3/25/2012	06:00 - 08:00	2.00	TRP	2	TRIP OUT TO CHANGE MOTOR AND BIT
	08:00 - 09:00	1.00	DRL	3	CHANGE BIT, MOTOR AND ORIENT MWD TOOL
	09:00 - 12:30	3.50	TRP	2	TRIP IN HOLE WITH BIT #2, SURFACE TEST MWD @ 2,000'
	12:30 - 17:00	4.50	DRL	2	DIRECTIONAL DRILL FROM 7894 TO 8008 MADE 114', 25.3 FT/HR, 280 GPM, 400 DIFF PSI, 40 RPM, 112 DOWN HOLE RPM, 12-14 WOB, 1830 OFF BTM PSI
	17:00 - 17:30	0.50	RIG	7	SAFETY STAND DOWN
	17:30 - 18:00	0.50	SUR	1	SURVEYS AND CONNECTIONS
	18:00 - 04:30	10.50	DRL	2	DIRECTIONAL DRILL FROM 8008' TO 8088' MADE 80 ', 8.3 FT/HR, 215 GPM, 200 DIFF PSI, 0 RPM, 56 DOWN HOLE RPM, 10-16 WOB, 1200 OFF BTM PSI
	04:30 - 05:00	0.50	RIG	1	RIG SERVICE
	05:00 - 05:30	0.50	DRL	2	DIRECTIONAL DRILL FROM 8088' TO 8107' MADE 19 ', 38 FT/HR, 215 GPM, 200 DIFF PSI, 0 RPM, 56 DOWN HOLE RPM, 10-16 WOB, 1200 OFF BTM PSI
	05:30 - 06:00	0.50	SUR	1	SURVEYS AND CONNECTIONS
3/26/2012	06:00 - 12:00	6.00	DRL	2	DIRECTIONAL DRILL FROM 8107' TO 8230' MADE 120 ', 20.5 FT/HR, 275 GPM, 200 DIFF PSI, 45 RPM, 110 DOWN HOLE RPM, 12-15 WOB, 1800 OFF BTM PSI
	12:00 - 12:30	0.50	RIG	1	ROUTINE RIG SERVICE, SERVICE TOPDRIVE,
	12:30 - 15:00	2.50	DRL	2	DIRECTIONAL DRILL FROM 8230' TO 8275' MADE 45', 18 FT/HR, 275 GPM, 200 DIFF PSI, 45 RPM, 110 DOWN HOLE RPM, 12-15 WOB, 1800 OFF BTM PSI
	15:00 - 17:00	2.00	RIG	2	CHANGE AUXILARY HYDRAULIC PUMP AND TOPDRIVE POWER UNIT
	17:00 - 17:30	0.50	DRL	2	DIRECTIONAL DRILL FROM 8275' TO 8300' MADE 25', 50 FT/HR, 275 GPM, 200 DIFF PSI, 45 RPM, 110 DOWN HOLE RPM, 12-15 WOB, 1800 OFF BTM PSI
	17:30 - 18:00	0.50	SUR	1	SURVEYS AND CONNECTIONS
	18:00 - 22:00	4.00	DRL	2	DIRECTIONAL DRILL FROM 8300' TO 8325' MADE 25', 6.2 FT/HR, 275 GPM, 200 DIFF PSI, 45 RPM, 110 DOWN HOLE RPM, 12-15 WOB, 1800 OFF BTM PSI
	22:00 - 22:30	0.50	OTH		CHANGE OUT MWD SURFACE EQUIPMENT
	22:30 - 05:30	7.00			DIRECTIONAL DRILL FROM 8325' TO 8450' MADE 125', 17.8 FT/HR, 245 GPM, 200 DIFF PSI, 0 RPM, 63 DOWN HOLE RPM, 12-15 WOB, 1500 OFF BTM PSI
	05:30 - 06:00	0.50	SUR	1	SURVEYS AND CONNECTIONS
3/27/2012	06:00 - 07:00	1.00	DRL	2	DIRECTIONAL DRILL FROM 8450' TO 8465 MADE 15', 15 FT/HR, 245 GPM, 200 DIFF PSI, 0 RPM, 63 DOWN HOLE RPM, 12-15 WOB, 1500 OFF BTM PSI
	07:00 - 07:30	0.50	RIG	1	ROUTINE RIG SERVICE, SWAP LIGHT PLANTS, SERVICE TOPDRIVE
	07:30 - 09:30	2.00	DRL	2	DIRECTIONAL DRILL FROM 8465 TO 8500 MADE 35', 17.5 FT/HR, 245 GPM, 200 DIFF PSI, 0 RPM, 63 DOWN HOLE RPM, 12-15 WOB, 1500 OFF BTM PSI
	09:30 - 10:00	0.50	RIG	7	SAFETY STAND DOWN DISCUSS REAL TIME JHA-EFFECTIVNESS
	10:00 - 17:00	7.00	DRL	2	DIRECTIONAL DRILL FROM 8500 TO 8767 MADE 267', 38.1 FT/HR, 245 GPM, 200 DIFF PSI, 40 RPM, 103 DOWN HOLE RPM, 12-15 WOB, 1500 OFF BTM PSI
	17:00 - 18:00	1.00	SUR	1	SURVEY AND CONNECTIONS
	18:00 - 05:30	11.50			DIRECTIONAL DRILL FROM 8767 TO 8990 MADE 223', 19.3 FT/HR, 275 GPM, 200-300 DIFF PSI, 40 RPM, 111 DOWN HOLE RPM, 14-18 WOB, 1900 OFF BTM PSI
	05:30 - 06:00	0.50	SUR	1	SURVEYS AND CONNECTIONS
3/28/2012	06:00 - 14:30	8.50	DRL	2	DIRECTIONAL DRILL FROM 8990 TO 9326, MADE 336', 37.3 FT/HR, 275 GPM, 200-300 DIFF PSI, 40 RPM, 111 DOWN HOLE RPM, 16-18 WOB, 2100 OFF BTM PSI
	14:30 - 15:00	0.50	RIG	1	RIG SERVICE
	15:00 - 17:30	2.50	RIG	2	PJSM, WELD TORQUE TUBE T-BAR (PULLED AND WELDED THEN REPLACED)
	17:30 - 18:00	0.50	SUR	1	SURVEY AND CONNECTIONS

QEP ENERGY

Operations Summary Report

Well Name: RWU 34-22B (31)
Location: 22- 7-S 23-E 27
Rig Name: AZTEC

Spud Date: 12/10/1953
Rig Release: 4/6/2012
Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/28/2012	18:00 - 03:00	9.00	DRL	2	DIRECTIONAL DRILL FROM 9326 TO 9725, MADE 399', 44.3 FT/HR, 275 GPM, 200-300 DIFF PSI, 40 RPM, 111 DOWN HOLE RPM, 16-18 WOB, 2100 OFF BTM PSI
	03:00 - 03:30	0.50	SUR	1	SURVEY AND CONNECTIONS
	03:30 - 04:00	0.50	CIRC	1	CIRCULATE BOTTOMS UP, PUMP SLUG
	04:00 - 06:00	2.00	TRP	10	PJSM, TRIP OUT
3/29/2012	06:00 - 08:30	2.50	TRP	10	TRIP OUT FOR BIT
	08:30 - 09:30	1.00	DRL	3	CHANGE OUT BIT AND MOTOR, SCRIBE AND ORIENT MWD TOOL
	09:30 - 11:30	2.00	TRP	2	TRIP IN TO 7" @ 5720' FILL PIPE AND BREAK CIRCULATION
	11:30 - 13:00	1.50	RIG	6	SLIP AND CUT 120' OF DRILL LINE
	13:00 - 15:30	2.50	TRP	2	TRIP IN HOLE BREAK CIRCULATION @ 7,200' AND 9,663'
	15:30 - 16:00	0.50	REAM	1	SAFETY REAM TO BOTTOM FROM 9,663 TO 9,725 WITH 28' OF FILL
	16:00 - 17:30	1.50	DRL	2	DIRECTIONAL DRILL FROM 9725' TO 9804' MADE 79', 52.6 FT/HR, 275 GPM, 200-300 DIFF PSI, 40 RPM, 111 DOWN HOLE RPM, 14-16 WOB, 2100 OFF BTM PSI
	17:30 - 18:00	0.50	RIG	1	RIG SERVICE
	18:00 - 23:30	5.50	DRL	2	DIRECTIONAL DRILL FROM 9804' TO 10059' MADE 255', 46.3 FT/HR, 275 GPM, 200-300 DIFF PSI, 40 RPM, 111 DOWN HOLE RPM, 14-16 WOB, 2100 OFF BTM PSI
	23:30 - 00:00	0.50	RIG	2	CHANGE OUT AIR LINE FOR DRAWORKS MOTOR CLUTCH
	00:00 - 05:00	5.00	DRL	2	DIRECTIONAL DRILL FROM 10059' TO 10440' MADE 255', 46.3 FT/HR, 275 GPM, 200-300 DIFF PSI, 40 RPM, 111 DOWN HOLE RPM, 14-16 WOB, 2100 OFF BTM PSI DRILLING WITH A 12' FLARE 2100 UNITS, BTMS UP FLARE 20' 4200 UNITS RAISING MUD WT, TO 9.8 PPG
	05:00 - 06:00	1.00	SUR	1	SURVEYS AND CONNECTIONS
3/30/2012	06:00 - 16:30	10.50	DRL	1	DIRECTIONAL DRILL FROM 10440 TO 10851' MADE 411', 39.1 FT/HR, 255 GPM, 200-300 DIFF PSI, 40 RPM, 106 DOWN HOLE RPM, 14-16 WOB, 2100 OFF BTM PSI DRILLING WITH A 12' FLARE 2100 UNITS, BTMS UP FLARE 20' 4200 UNITS RAISING MUD WT, TO 10.0 PPG BYPASSED SHAKERS TO MAINTAIN LCM TO 2%, AND TO CURE SEEPAGE
	16:30 - 17:00	0.50	RIG	1	RIG SERVICE
	17:00 - 18:00	1.00	SUR	1	SURVEYS AND CONNECTIONS
	18:00 - 23:00	5.00	DRL	1	DIRECTIONAL DRILL FROM 10851 TO 10970' MADE 119', 23.8 FT/HR, 255 GPM, 200-300 DIFF PSI, 40 RPM, 106 DOWN HOLE RPM, 14-16 WOB, 2100 OFF BTM PSI
	23:00 - 23:30	0.50	RIG	7	SAFETY STAND DOWN, BRAKES GOT WET AND SLIPPED, EXCESS WEIGHT BENT TOP JOINT, STOP JOB, DISCUSS WATCHING OVER NEW HIRE, LAY DOWN BENT JOINT
	23:30 - 00:00	0.50	SUR	1	CONNECTIONS AND SURVEYS
	00:00 - 03:30	3.50			DIRECTIONAL DRILL FROM 10970' TO 11,070' MADE 100', 29 FT/HR, 255 GPM, 200-300 DIFF PSI, 40 RPM, 106 DOWN HOLE RPM, 14-16 WOB, 2100 OFF BTM PSI
	03:30 - 04:00	0.50	CIRC	1	T.D. WELL AND CIRCULATE RAISING MUD WT. TO 10.3PPG
	04:00 - 06:00	2.00	WCL	1	SHUT IN WELL, 30 BBLS GAIN, SICP 400 PSI, CIRCULATED @ 1,100 PSI DRILL PIPE PRESSURE MAINTAINING PIT VOLUME AND MANIPULATING CHOKE TO MAINTAIN CONSTANT PRESSURE AND PIT VOLUME RAISING MUD WT. TO 10.4PPG, MAINTAINED FLOW THROUGH OUT CIRCULATION
3/31/2012	06:00 - 06:30	0.50	CIRC	1	CIRCULATE OUT GAS THRU CHOKE
	06:30 - 07:00	0.50	CIRC	1	OPEN WELL, CIRCULATE, WELL STARTED TO KICK AGAIN
	07:00 - 14:00	7.00	CIRC	1	SHUT IN WELL, CIRCULATE THRU CHOKE, RAIS EMUD WT, WT 11.2 IN, 10.8 OUT
	14:00 - 17:30	3.50	CIRC	1	OPEN WELL, CIRCULATE, MIX LCM, HOLE TAKING FLUID, BUILD VOLUME, MUD WT PRIOR TO SHORT TRIP 11.1 IN, 10.9 OUT

QEP ENERGY

Operations Summary Report

Well Name: RWU 34-22B (31)
Location: 22- 7-S 23-E 27
Rig Name: AZTEC

Spud Date: 12/10/1953
Rig Release: 4/6/2012
Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/31/2012	17:30 - 19:00	1.50	TRP	14	SHORT TRIP, PULL SLOW, HOLE SWABBING, PULL 10 STDS, TIGHT AT 10,400'
	19:00 - 20:00	1.00	OTH		WORK TIGHT HOLE AT 10,400', BACK REAM THRU TIGHT SPOT AT 10,400'. GAS TO SURFACE AT 4900 STKS (AROUND 9000')
	20:00 - 21:30	1.50	CIRC	1	CIRCULATE OUT GAS THRU BUSTER @80 STKS, 20' FLARE FOR 1 HR.
	21:30 - 23:00	1.50	TRP	14	FINISH SHORT TRIP 5 MORE STANDS OUT TO 10,123'. WELL SWABBING VERY LITTLE, FLOWING 1/4" STREAM. ON WAY BACK IN, WELL FLOWING 1" STREAM. REAMED OUT BRIDGE AT 10330'.
	23:00 - 00:00	1.00	CIRC	1	CIRCULATE, GAS TO SURFACE @4300 STKS (BOTTOMS UP IS 6100 STKS), 30 BBL GAIN
	00:00 - 03:30	3.50	CIRC	1	SHUT IN WELL, CIRCULATE THRU CHOKE, MOVING PIPE THRU ANNULAR, LOST PARTIAL RETURNS, REGAIN FULL CIRCULATION, BUILD VOLUME, MIX LCM, RAISE MUD WT TO 11.2 IN, 10.7 OUT
	03:30 - 06:00	2.50	CIRC	1	OPEN UP WELL, CIRCULATE, RAISE MUD WT TO 11.3
4/1/2012	06:00 - 13:00	7.00	CIRC	1	CIRCULATE RAISING MUD WT. FROM 11.3 PPG, TO 11.6 PPG FIGHTING LOSSES AND RAISING LCM TO 10% LOSS OF 80 BBLS WHILE RAISING MUD WT, 3 COMPLETE SURFACE TO SURFACE CIRCULATIONS @ 3 BBLS A MINUTE
	13:00 - 16:00	3.00	TRP	14	MIX SHORT TRIP SLUG WITH LOW LCM MUD FROM PREMIX, SHORT TRIP
	16:00 - 17:00	1.00	OTH		WORK TIGHT HOLE @8850'
	17:00 - 21:00	4.00	TRP	14	SHORT TRIP TO SHOE (PULL SLOW) HOLE SWABBING TO 8000'
	21:00 - 23:00	2.00	TRP	14	TRIP IN AT MODERATE RATE, BREAK CIRCULATION EVERY 20 STANDS
	23:00 - 23:30	0.50	REAM	1	REAM OUT BRIDGE AT 8125', REAMED EASY
	23:30 - 00:00	0.50	CIRC	1	LOSING PARTIAL CIRCULATION. CIRCULATE AND REGAIN FULL CIRCULATION, LOST 24 BBLS.
	00:00 - 01:30	1.50	TRP	14	TRIP IN, BREAK CIRCULATION EVERY 15 STANDS, HOLE STABLE
	01:30 - 02:30	1.00	REAM	1	REAM OUT BRIDGES FROM 9804' TO 9836' AND AT 10103' (TOUGHER REAMING)
	02:30 - 03:00	0.50	TRP	14	TRIP IN
	03:00 - 03:30	0.50	REAM	1	SAFETY REAM 60' TO BOTTOM, 6' FILL
	03:30 - 06:00	2.50	CIRC	1	CIRCULATE, 20' BOTTOMS UP FLARE, 12 BBL GAIN, 100 PSI LOSS, NO LOSSES
4/2/2012	06:00 - 07:00	1.00	CIRC	1	CIRCULATE FOR WIPER TRIP, AND MIX DRY PILL
	07:00 - 12:00	5.00	TRP	14	PUMP PILL AND SHORT TRIP 48 STANDS TO 8,000'
	12:00 - 13:00	1.00	CIRC	1	CONDITION MUD AND CIRCULATE FOR TRIP OUT FOR LOGS
	13:00 - 13:30	0.50	RIG	1	ROUTINE RIG SERVICE
	13:30 - 14:30	1.00	CIRC	1	PUMP 35 SACK WALNUT SWEEP, DISPLACE WITH 13# ECD PILL 80 BBLS
	14:30 - 16:00	1.50	TRP	2	TRIP OUT TO RUN LOGS, USING TRIP SHEET TO ENSURE PROPER HOLE FILLING VOLUMES
	16:00 - 17:00	1.00	RIG	2	#1 MOTOR DOWN, WORK ON WIRING
	17:00 - 18:00	1.00	CIRC	1	BUILD AND SPOT WALNUT PILL, CHASE WITH DRY JOB
	18:00 - 00:30	6.50	TRP	2	TRIP OUT FOR LOGS
	00:30 - 01:00	0.50	TRP	2	LAY DOWN DIRECTIONAL TOOLS
	01:00 - 02:30	1.50	LOG	1	PJSM, RIG UP THRU BIT LOGGING
	02:30 - 06:00	3.50	LOG	1	LOG, LOGGERS TD - 11078'
4/3/2012	06:00 - 09:00	3.00	LOG	1	RUN WIRELINE LOGS WITH THRU BIT AND RIG DOWN LOGGERS
	09:00 - 09:30	0.50	RIG	1	ROUTINE RIG SERVICE
	09:30 - 13:00	3.50	TRP	2	HELD PJSA MAKE UP BIT AND BIT SUB TRIP IN HOLE TO 7" SHOE @ 5720
	13:00 - 13:30	0.50	CIRC	1	ATTEMPT TO CIRCULATE
	13:30 - 14:00	0.50	TRP	13	PJSM, TRIP FOR PLUGGED STRING
	14:00 - 15:30	1.50	RIG	2	REPAIR WIRING ON POWER PACK
	15:30 - 20:30	5.00	TRP	13	TRIP OUT WET, OPERATE PIPE AND BLIND RAMS
	20:30 - 21:30	1.00	OTH		UNPLUG FLOAT SUB AND BOTTOM COLLAR, CLEAN FLOOR
	21:30 - 02:00	4.50	TRP	15	TRIP IN, BREAK CIRCULATION AT 1100', 3500'

QEP ENERGY

Operations Summary Report

Well Name: RWU 34-22B (31)
Location: 22- 7-S 23-E 27
Rig Name: AZTEC

Spud Date: 12/10/1953
Rig Release: 4/6/2012
Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/3/2012	02:00 - 02:30	0.50	CIRC	1	CIRCULATE OUT DRY JOBS AT 5680'
	02:30 - 04:00	1.50	TRP	15	TRIP IN, BREAK CIRCULATION AT 7679', TAG BRIDGE AT 8615'
	04:00 - 06:00	2.00	REAM	1	REAM OUT INTERMITTENT BRIDGES FROM 8615' TO 8830'
4/4/2012	06:00 - 13:30	7.50	REAM	1	REAM FROM 8830' TO 11070'
	13:30 - 15:00	1.50	CIRC	1	CIRCULATE, PJSM, PUMP DRY JOB
	15:00 - 18:00	3.00	TRP	14	SHORT TRIP TO 8570', 3' FILL
	18:00 - 20:30	2.50	CIRC	1	CIRCULATE, 12' BU FLARE, PJSM, RIG UP LAYDOWN MACHINE, PUMP 30 SX WALNUT, DISPLACE INTO OPEN HOLE ANNULAS, PUMP DRY JOB
	20:30 - 06:00	9.50	TRP	3	LAY DOWN PIPE
4/5/2012	06:00 - 08:00	2.00	BOP	1	CHANGE TO 4.5 RAMS FOR CASING RUN
	08:00 - 11:00	3.00	BOP	2	ATTEMPT TO TEST RAMS WOULD NOT TEST, KNIGHT BROUGHT OUT NEW RAMS, TEST 250 LOW, 5000 HIGH, RIG DOWN TESTER
	11:00 - 13:00	2.00	CSG	1	PJSM RIG UP GATOR BACK CRT & CASING TONG CREW
	13:00 - 19:00	6.00	CSG	2	PJSM RUN CASING, CHECK FLOATS, MAKE UP FLOATS PIGGY BACK, RUN ONE JOINT AND TEST FLOATS, RUN 30 JOINTS FILL AND CIRC 5 MINUTES, RUN TO 1869' INSTALL ROTATE HEAD, RUN TO 5625' BREAK CIRCULATION, FULL CIRCULATION FOR ABOUT 17 BBLS GOOD FLOW GOOD PRESSURE BLEW POP OFF AT 3400 PSI, PLUGGED FLOATS
	19:00 - 03:30	8.50	CSG	2	PJSM / LAY DOWN CASING DO TO PLUGGED FLOATS 136 JTS / 5625'
	03:30 - 04:30	1.00	CSG	1	CLEAN FLOOR, PJSM / RIG UP TO RUN CASING AND INSTALL CIRCULATING TOOL. MAKE UP FLOAT EQUIPMENT AND TEST FLOATS
	04:30 - 06:00	1.50	CSG	2	PJSM / RUN 4 1/2" CASING CIRCULATE AT NUMBER 5, 10, 20, 30, 40 AND EVERY 25JTS TO SHOE
4/6/2012	06:00 - 13:00	7.00	CSG	2	RUN CASING CIRCULATE EVERY 10 JTS FOR 5 TO 10 MIN TO THE SHOE, CIRCULATE BOTTOMS UP @ THE SHOE, CLEANING MUD SYSTEM
	13:00 - 00:30	11.50	CSG	2	RUN CASING START WASHING EVERY JOINT FROM SHOE, CIRCULATE BOTTOMS UP AT 7000', 8500', 11,000', WORKING PIPE COUNTINOUS MOVEMENT, PICK UP AND WASH TO BOTTOM TAG BOTTOM AT 11,083' / RUN CASING TO 11,069
	00:30 - 02:30	2.00	CIRC	1	CIRCULATE CASING ON BOTTOM / WORKING PIPE / FULL RETURNS PJSM, RIG DOWN CASING CREW PJSM, RIG UP CEMENTERS / CEMENT
	02:30 - 06:00	3.50	WOT	1	WAIT ON 10# SPACER AND 11.5# CEMENT TO BEL DELIVERED, CIRCULATING, CASING AT4 BPM,CONDITION MUD, MAINTAIN 11.6/11.7# WT HOLE IS SEEPING AT 3 BPH / MIXED LIGHT LCM SWEEP
4/7/2012	06:00 - 09:30	3.50	CMT	2	WAIT ON 10# SPACER AND 11.5# CEMENT TO BEL DELIVERED, CIRCULATING, CASING AT4 BPM,CONDITION MUD, MAINTAIN 11.6/11.7# WT HOLE IS SEEPING AT 3 BPH / MIXED LIGHT LCM SWEEP
	09:30 - 13:00	3.50	CMT	2	PJSM, TEST LINES TO 5000 PSI, PUMP 10 BBLS WATER SPACER 8.34 PPG, 20 BBLS SUPER FLUSH 10 PPG, 10 BBLS WATER SPACER, 257 BBLS (580SACS 11.5, 2.49Y, 15.84 GAL/SK) LEAD CEMENT, 74 BBLS (250 SACS, 13 PPG, 1.66Y, 8.23 GAL/SK) TAIL CEMENT, DISPLACEMENT 172 BBLS (KCL 2%), ALL PUMPED AT 4BPM, BUMP PLUG 2550 PSI, FLOATS HELD 2 BBL BACK TO TRUCK, 31 BBLS CEMENT TO SURFACE, EST TOP OF TAIL 8700' PJSM RIG DOWN CEMENTERS
	13:00 - 14:30	1.50	BOP	1	NIPPLE DOWN SET SLIPS @ 135K, SET LOCK PINS & ROUGH CUT CASING
	14:30 - 18:00	3.50	BOP	1	FINISH NIPPLE DOWN BOP,CHOKE MANIFOLD, GAS BUSTER, FLARE LINES, CLEAN PITS

QEP ENERGY

Operations Summary Report

Well Name: RWU 34-22B (31)
Location: 22- 7-S 23-E 27
Rig Name: BASIN WELL SERVICE

Spud Date: 12/10/1953
Rig Release: 11/28/2011
Rig Number: 4

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/17/2012	08:00 - 10:00	2.00			FRAC MV ZONE #1 WITH 115300# PER DESIGN
	10:00 - 11:30	1.50			SET FRAC PLUG AT 10600' AND PERF.MV GROSS 10123-10422'
	11:30 - 14:00	2.50			START FRAC ON STAGE #2--PUMP 2000# SAND AND LOST PUMP. CHANGE OUT PUMP AND RESUME FRAC. FRAC MV INT.#2 WITH 88500# AS DESIGN
	14:00 - 15:30	1.50			SET COMP.BP AT 6000'. SI WELL FOR NIGHT. TURN OVER TO COMPLETION DEPT.RIG
4/18/2012	05:30 - 07:00	1.50	TRAV	1	4/18/2012. CREW TRAVEL
	07:00 - 08:00	1.00	LOC	3	SAFETY MEETING ON RIGING UP. ROAD RIG & EQUIPMENT TO LOCATION
	08:00 - 09:00	1.00	LOC	4	SPOT IN. RU RIG. X-O TO TBG EQUIPMENT
	09:00 - 10:30	1.50	BOP	1	ND FRAC VALVE. NU BOP STACK. RU FLOOR & TBG EQUIPMENT
	10:30 - 15:30	5.00	TRP	5	TALLY MILL & PUMP OFF BIT SUB, F-NIPPLE, 190 JNTS OF 2.375 L-80 TBG. TAG UP ON KILL PLUG @ 6000'
	15:30 - 16:00	0.50	SEQ	1	RU POWER SWIVEL. & RIG PUMP
	16:00 - 16:30	0.50	CIRC	3	FILL HOLE WITH 20 BBLS TO GET CIRC. TEST BOPS TO 2000 PSI. GOOD TEST. BLEED OFF
	16:30 - 18:00	1.50	DRL	5	TAG UP ON KILL PLUG. START DRILLING OUT PLUG GET IT DRILLED UP IN 10 MIN. RUN 2 TO 6 DOWN ON BIT. SWIVEL RPM 98. PUMP RATE OF 1.5 BPM. TAKE A KICK ON PUMP UP TO 1500 PSI. & CASING PSI UP TO 550. TALLY & RIH TO 7937.5'. CLOSE TBG IN. CLEAN UP. TRUN WELL OVER TO FLOW BACK CREW
	18:00 - 19:30	1.50	TRAV	1	CREW TRAVEL
4/19/2012	05:30 - 07:00	1.50	TRAV	1	4/19/2012. CREW TRAVEL
	07:00 - 07:15	0.25	RIG	7	SAFETY MEETING ON DRILLING OUT PLUGS & LINE PSI. CHECK SITP=0, FCP=1150. CASING FLOWING ON A 24/64 CHOKE
	07:15 - 09:00	1.75	TRP	5	TALLY & PICK UP 82 JNTS OF 2 3/8" L-80 TBG. TAG UP ON FRAC PLUG @ 10,600'
	09:00 - 09:30	0.50	DRL	5	RU SWIVEL & PUMP. FILL WITH 15 BBLS. DRILL OUT PLUG IN 15
	09:30 - 11:00	1.50	TRP	5	TALLY & PICK UP 12 JNTS TAG UP @ 10,980' CLEAN OUT SAND TO 11,056'
	11:00 - 11:30	0.50	CIRC	1	CIRC SAND OFF BOTTOM FOR 10 MIN AT 2 BPM. PUMP 20 GALS OF CHEM. DISPLACE WITH 40 BBLS
	11:30 - 13:00	1.50			RD SWIVEL. POOH LD 12 JNTS. MAKE UP TBG HANGER. LAND TBG IN WELL HEAD. EOT @10,715'. ISIP ON CASING 1000
	13:00 - 14:00	1.00			RD FLOOR. ND BOPS. DROP BALL DOWN TBG. NU WELL HEAD & FLOW LINE
	14:00 - 14:30	0.50	CIRC	3	PUMP 15 BBLS TO SEAT BALL. PAI UP TO 2500 TO PUMP BIT OFF. PUMP 5 MORE BBLS @ 750 PSI. RD RIG PUMP
	14:30 - 15:30	1.00	LOC	4	RIG DOWN CLEAN UP LOCATION. TRUN WELL OVER TO PRODUCTION. ROAD RIG TO THE RW 34-14B

77	6893.00	64.00	9.80	306.20	6879.27	107.85	49.76	-96.34	-0.63	2.19	0.73 Mud Pulse
78	6957.00	64.00	9.30	305.50	6942.38	118.13	55.98	-104.95	-0.78	-1.09	0.80 Mud Pulse
79	7019.00	62.00	8.90	304.10	7003.60	127.66	61.58	-113.00	-0.65	-2.26	0.74 Mud Pulse
80	7081.00	62.00	8.40	301.80	7064.90	136.80	66.65	-120.82	-0.81	-3.71	0.98 Mud Pulse
81	7145.00	64.00	7.80	302.70	7128.26	145.65	71.46	-128.45	-0.94	1.41	0.96 Mud Pulse
82	7209.00	64.00	8.50	302.60	7191.61	154.55	76.36	-136.09	1.09	-0.16	1.09 Mud Pulse
83	7272.00	63.00	7.80	304.90	7253.98	163.27	81.31	-143.51	-1.11	3.65	1.23 Mud Pulse
84	7335.00	63.00	6.90	305.00	7316.46	171.11	85.93	-150.12	-1.43	0.16	1.43 Mud Pulse
85	7399.00	64.00	6.70	302.00	7380.01	178.51	90.11	-156.44	-0.31	-4.69	0.64 Mud Pulse
86	7463.00	64.00	6.90	299.50	7443.56	185.99	93.98	-162.95	0.31	-3.91	0.56 Mud Pulse
87	7527.00	64.00	7.30	301.90	7507.07	193.79	98.02	-169.75	0.62	3.75	0.78 Mud Pulse
88	7591.00	64.00	7.10	299.70	7570.56	201.70	102.13	-176.63	-0.31	-3.44	0.53 Mud Pulse
89	7655.00	64.00	7.30	294.50	7634.06	209.67	105.78	-183.77	0.31	-8.13	1.06 Mud Pulse
90	7718.00	63.00	7.50	290.80	7696.53	217.78	108.90	-191.26	0.32	-5.87	0.82 Mud Pulse
91	7781.00	63.00	7.60	291.50	7758.99	226.06	111.89	-198.98	0.16	1.11	0.22 Mud Pulse
92	7844.00	63.00	6.60	296.80	7821.51	233.83	115.04	-206.08	-1.59	8.41	1.90 Mud Pulse
93	7907.00	63.00	5.80	296.90	7884.14	240.60	118.12	-212.15	-1.27	0.16	1.27 Mud Pulse
94	7970.00	63.00	3.60	298.30	7946.92	245.74	120.50	-216.73	-3.49	2.22	3.50 Mud Pulse
95	8030.00	60.00	4.30	286.90	8006.78	249.85	122.04	-220.55	1.17	-19.00	1.75 Mud Pulse
96	8098.00	68.00	6.90	287.70	8074.45	256.47	124.03	-226.88	3.82	1.18	3.83 Mud Pulse
97	8163.00	65.00	6.80	289.00	8138.98	264.21	126.47	-234.24	-0.15	2.00	0.28 Mud Pulse
98	8226.00	63.00	6.10	295.70	8201.59	271.27	129.13	-240.78	-1.11	10.63	1.63 Mud Pulse
99	8291.00	65.00	6.20	309.90	8266.22	278.04	132.88	-246.58	0.15	21.85	2.34 Mud Pulse
100	8354.00	63.00	7.60	310.50	8328.76	285.21	137.77	-252.36	2.22	0.95	2.22 Mud Pulse
101	8417.00	63.00	8.20	312.60	8391.16	293.33	143.52	-258.84	0.95	3.33	1.06 Mud Pulse
102	8481.00	64.00	9.10	311.90	8454.43	302.32	149.99	-265.96	1.41	-1.09	1.42 Mud Pulse
103	8544.00	63.00	9.20	313.40	8516.63	311.66	156.77	-273.33	0.16	2.38	0.41 Mud Pulse
104	8608.00	64.00	8.40	313.60	8579.88	320.73	163.51	-280.43	-1.25	0.31	1.25 Mud Pulse
105	8671.00	63.00	7.30	312.70	8642.28	328.71	169.40	-286.71	-1.75	-1.43	1.76 Mud Pulse
106	8734.00	63.00	7.30	313.00	8704.77	336.16	174.84	-292.58	0.00	0.48	0.06 Mud Pulse
107	8799.00	65.00	6.80	312.80	8769.28	343.58	180.28	-298.42	-0.77	-0.31	0.77 Mud Pulse
108	8862.00	63.00	7.10	304.60	8831.82	350.85	185.02	-304.36	0.48	-13.02	1.64 Mud Pulse
109	8925.00	63.00	6.30	302.00	8894.39	358.03	189.06	-310.50	-1.27	-4.13	1.36 Mud Pulse
110	8989.00	64.00	6.40	302.40	8958.00	364.98	192.84	-316.49	0.16	0.62	0.17 Mud Pulse
111	9052.00	63.00	6.20	305.50	9020.62	371.73	196.69	-322.22	-0.32	4.92	0.63 Mud Pulse
112	9116.00	64.00	5.60	310.20	9084.28	378.04	200.72	-327.42	-0.94	7.34	1.20 Mud Pulse
113	9180.00	64.00	4.50	308.90	9148.03	383.39	204.31	-331.76	-1.72	-2.03	1.73 Mud Pulse
114	9243.00	63.00	3.60	310.30	9210.87	387.61	207.14	-335.19	-1.43	2.22	1.44 Mud Pulse
115	9307.00	64.00	3.40	312.00	9274.75	391.29	209.71	-338.14	-0.31	2.66	0.35 Mud Pulse
116	9370.00	63.00	2.80	309.10	9337.66	394.50	211.93	-340.72	-0.95	-4.60	0.98 Mud Pulse
117	9433.00	63.00	2.20	310.80	9400.60	397.11	213.69	-342.83	-0.95	2.70	0.96 Mud Pulse

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME: Red Wash

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☑ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

8. WELL NAME and NUMBER: RW 34-22B

2. NAME OF OPERATOR: QEP Energy Company

9. API NUMBER: 4304715158

3. ADDRESS OF OPERATOR: 1050 17th Street, Ste. 500 CITY Denver STATE CO ZIP 80265

PHONE NUMBER: (303) 308-3060

10 FIELD AND POOL, OR WILDCAT: Red Wash

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 657' FSL, 1982' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH: ~~757~~ 800 FSL, ~~2235~~ 2291 FEL BHL by HSM

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 22 7S 23E

12. COUNTY: Uintah

13. STATE: UTAH

14. DATE SPUDDED: 3/23/2012

15. DATE T.D. REACHED: 3/30/2012

16. DATE COMPLETED: 4/19/2012 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5604' - KB

18. TOTAL DEPTH: MD 11,070 TVD ~~10,982~~ 11037

19. PLUG BACK T.D.: MD TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Quad Combo, CBL

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
6.125"	4.5 P110	11.6	0	11,069		ClassG 830	331	1430	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Mesa Verde	10,123	10,830		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
10,123 10,830	.35	96	Open ☑ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

RECEIVED
MAY 23 2012
DIV. OF OIL, GAS & MINING

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
10,123' - 10,830'	38 Bbl 15% HCl, 8,563 Bbl slick water, 1,000 sks 30/50 sand

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☑ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: Producing

(5/2000)

(CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
4/19/2012	4/21/2012	24		17	1,465	450	Flowing

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
24/64	1,477	2,356					17	1,465	450	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River	2,880
				Mahogany	3,620
				Wasatch	6,211
				Mesa Verde	8,391
				Sego	10,960

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE Morgan Anderson DATE 5/22/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

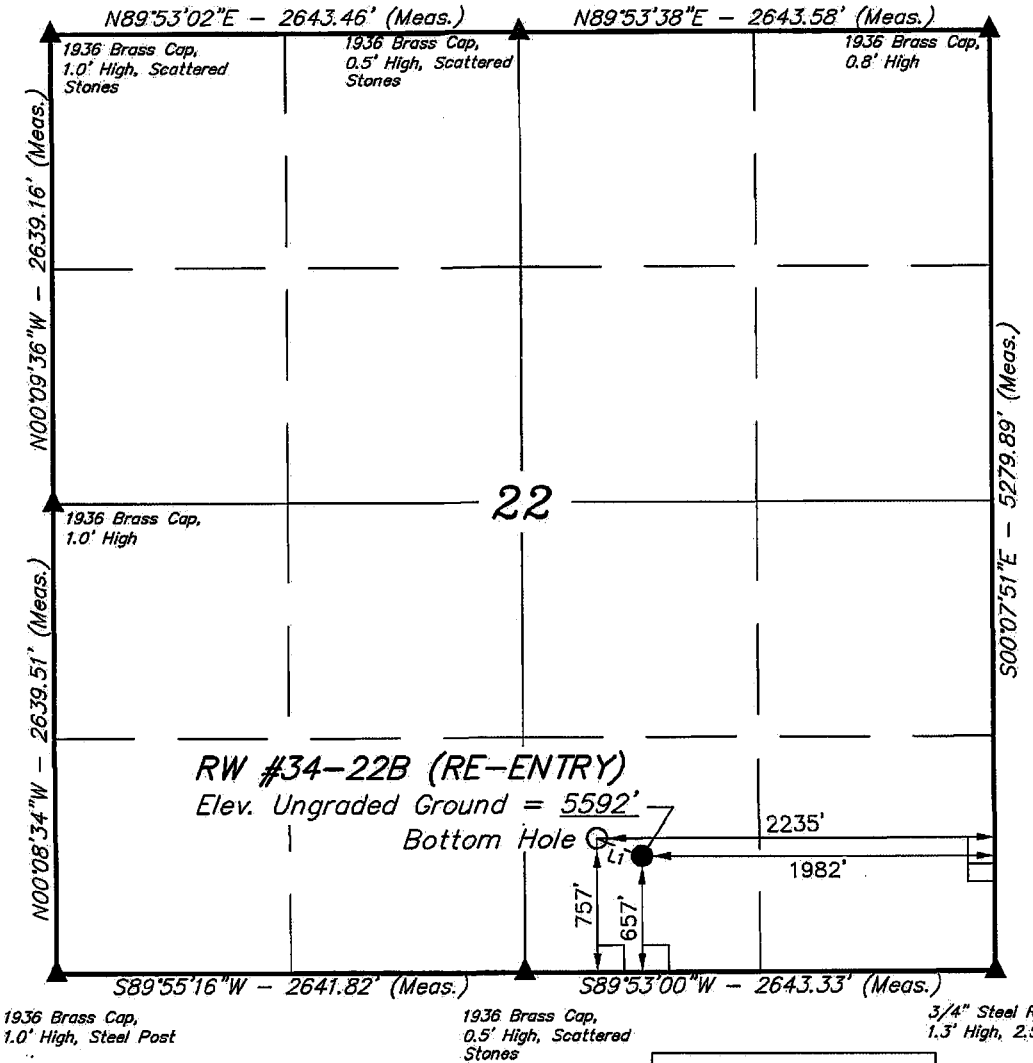
Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

T7S, R23E, S.L.B.&M.



QEP ENERGY COMPANY

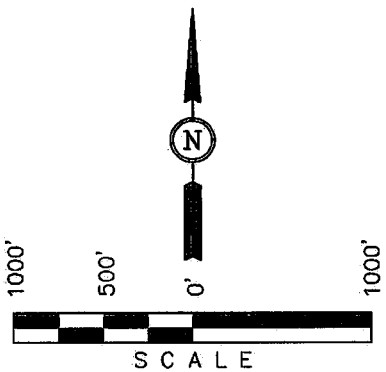
Well location, RW #34-22B (RE-ENTRY), located as shown in the SW 1/4 SE 1/4 of Section 22, T7S, R23E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (20EAM) LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M., TAKEN FORM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAH

05-15-12

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N68°43'39"W	273.21'

LEGEND:

└ = 90° SYMBOL
● = PROPOSED WELL HEAD.
▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°11'23.52" (40.189867)	LATITUDE = 40°11'22.54" (40.189594)
LONGITUDE = 109°18'42.37" (109.311769)	LONGITUDE = 109°18'39.09" (109.310858)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°11'23.65" (40.189903)	LATITUDE = 40°11'22.68" (40.189633)
LONGITUDE = 109°18'39.91" (109.311086)	LONGITUDE = 109°18'36.64" (109.310178)

REVISED: 05-11-12 R.L.L.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	11-4-10	11-29-10
PARTY: A.F. J.I.	REFERENCES: G.L.O. PLAT	
WEATHER: COOL	FILE: QEP ENERGY COMPANY	

Co:	Native Navigation	**Units:**	Feet, °, °/100ft	**VS Az:**	291.36
Drillers:	Scriver/Seacat	**Elevation:**	5606.40	**Map System:**	2 SP NAD 83
Well Name:	RW 34-22B	**Northing:**	7245268.86	**Latitude:**	40.189595
Location:	Unitah County, Vernal UT	**Easting:**	2251922.33	**Longitude:**	-109.310859

Method: Minimum Curvature

QEP Energy: RW 34-22B SVYS

No.	MD	CL	Inc.	Azi.	TVD	VS	+N/S-	+E/W-	BR	WR	DLS	Comments
1	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**				**Surface**
2	25.00	25.00	0.14	209.76	25.00	0.00	-0.03	-0.02	0.56	839.04	0.56	Gyro
3	**100.00**	**75.00**	**0.06**	**317.55**	**100.00**	**0.05**	**-0.08**	**-0.09**	**-0.11**	**143.72**	**0.22**	**Gyro**
4	200.00	100.00	0.54	8.36	200.00	0.21	0.43	-0.05	0.48	50.81	0.50	Gyro
5	**300.00**	**100.00**	**0.43**	**32.22**	**299.99**	**0.24**	**1.21**	**0.21**	**-0.11**	**23.86**	**0.23**	**Gyro**
6	400.00	100.00	0.45	10.25	399.99	0.25	1.92	0.48	0.02	-21.97	0.17	Gyro
7	**500.00**	**100.00**	**0.53**	**39.94**	**499.99**	**0.17**	**2.66**	**0.85**	**0.08**	**29.69**	**0.26**	**Gyro**
8	600.00	100.00	0.34	82.22	599.99	-0.23	3.05	1.44	-0.19	42.28	0.36	Gyro
9	**700.00**	**100.00**	**0.48**	**8.21**	**699.98**	**-0.40**	**3.51**	**1.80**	**0.14**	**-74.01**	**0.51**	**Gyro**
10	800.00	100.00	0.48	39.87	799.98	-0.43	4.24	2.12	0.00	31.66	0.26	Gyro
11	**900.00**	**100.00**	**0.53**	**345.69**	**899.98**	**-0.30**	**5.01**	**2.28**	**0.05**	**-54.18**	**0.46**	**Gyro**
12	1000.00	100.00	0.69	6.11	999.97	0.13	6.06	2.23	0.16	20.42	0.27	Gyro
13	**1100.00**	**100.00**	**0.72**	**354.02**	**1099.96**	**0.58**	**7.28**	**2.23**	**0.03**	**-12.09**	**0.15**	**Gyro**
14	1200.00	100.00	0.66	344.04	1199.96	1.22	8.46	2.00	-0.06	-9.98	0.13	Gyro
15	**1300.00**	**100.00**	**0.47**	**357.59**	**1299.95**	**1.73**	**9.43**	**1.83**	**-0.19**	**13.55**	**0.23**	**Gyro**
16	1400.00	100.00	0.11	345.79	1399.95	1.95	9.93	1.79	-0.36	-11.80	0.36	Gyro
17	**1500.00**	**100.00**	**0.03**	**309.37**	**1499.95**	**2.03**	**10.04**	**1.74**	**-0.08**	**-36.42**	**0.09**	**Gyro**
18	1600.00	100.00	0.08	50.46	1599.95	2.02	10.10	1.78	0.05	101.09	0.09	Gyro
19	**1700.00**	**100.00**	**0.21**	**107.75**	**1699.95**	**1.81**	**10.09**	**2.01**	**0.13**	**57.29**	**0.18**	**Gyro**
20	1800.00	100.00	0.31	137.77	1799.95	1.38	9.83	2.36	0.10	30.02	0.17	Gyro
21	**1900.00**	**100.00**	**0.32**	**127.67**	**1899.95**	**0.87**	**9.46**	**2.76**	**0.01**	**-10.10**	**0.06**	**Gyro**
22	2000.00	100.00	0.41	124.48	1999.95	0.25	9.09	3.28	0.09	-3.19	0.09	Gyro
23	**2100.00**	**100.00**	**0.42**	**111.54**	**2099.94**	**-0.46**	**8.75**	**3.92**	**0.01**	**-12.94**	**0.09**	**Gyro**
24	2200.00	100.00	0.51	117.58	2199.94	-1.27	8.41	4.65	0.09	6.04	0.10	Gyro
25	**2300.00**	**100.00**	**0.27**	**95.62**	**2299.94**	**-1.94**	**8.18**	**5.28**	**-0.24**	**-21.96**	**0.28**	**Gyro**
26	2400.00	100.00	0.52	143.94	2399.94	-2.55	7.79	5.78	0.25	48.32	0.40	Gyro
27	**2500.00**	**100.00**	**0.86**	**99.27**	**2499.93**	**-3.66**	**7.30**	**6.79**	**0.34**	**-44.67**	**0.61**	**Gyro**
28	2600.00	100.00	0.75	123.26	2599.92	-5.04	6.82	8.08	-0.11	23.99	0.35	Gyro
29	**2700.00**	**100.00**	**1.07**	**112.16**	**2699.91**	**-6.61**	**6.11**	**9.49**	**0.32**	**-11.10**	**0.36**	**Gyro**
30	2800.00	100.00	1.03	99.11	2799.89	-8.42	5.62	11.24	-0.04	-13.05	0.24	Gyro
31	**2900.00**	**100.00**	**0.95**	**95.34**	**2899.87**	**-10.10**	**5.40**	**12.96**	**-0.08**	**-3.77**	**0.10**	**Gyro**
32	3000.00	100.00	0.81	133.65	2999.86	-11.55	4.83	14.29	-0.14	38.31	0.59	Gyro
33	**3100.00**	**100.00**	**0.67**	**148.14**	**3099.86**	**-12.67**	**3.85**	**15.11**	**-0.14**	**14.49**	**0.23**	**Gyro**
34	3200.00	100.00	1.09	194.50	3199.84	-13.26	2.43	15.18	0.42	46.36	0.79	Gyro
35	**3300.00**	**100.00**	**1.59**	**194.37**	**3299.82**	**-13.54**	**0.17**	**14.60**	**0.50**	**-0.13**	**0.50**	**Gyro**

36	3400.00	100.00	0.76	169.17	3399.80	-14.06	-1.83	14.38	-0.83	-25.20	0.96 Gyro
37	**3500.00**	**100.00**	**0.73**	**132.28**	**3499.79**	**-15.01**	**-2.91**	**14.98**	**-0.03**	**-36.89**	**0.47 Gyro**
38	3600.00	100.00	0.75	121.70	3599.78	-16.25	-3.68	16.01	0.02	-10.58	0.14 Gyro
39	**3700.00**	**100.00**	**1.02**	**101.42**	**3699.77**	**-17.77**	**-4.20**	**17.43**	**0.27**	**-20.28**	**0.41 Gyro**
40	3800.00	100.00	1.14	102.07	3799.75	-19.63	-4.59	19.28	0.12	0.65	0.12 Gyro
41	**3900.00**	**100.00**	**1.15**	**105.28**	**3899.73**	**-21.61**	**-5.06**	**21.22**	**0.01**	**3.21**	**0.06 Gyro**
42	4000.00	100.00	1.15	113.15	3999.71	-23.61	-5.72	23.11	0.00	7.87	0.16 Gyro
43	**4100.00**	**100.00**	**1.34**	**101.65**	**4099.69**	**-25.76**	**-6.35**	**25.18**	**0.19**	**-11.50**	**0.31 Gyro**
44	4200.00	100.00	1.28	106.55	4199.66	-28.03	-6.90	27.40	-0.06	4.90	0.13 Gyro
45	**4300.00**	**100.00**	**1.48**	**117.07**	**4299.63**	**-30.43**	**-7.81**	**29.62**	**0.20**	**10.52**	**0.32 Gyro**
46	4400.00	100.00	1.35	125.38	4399.60	-32.85	-9.08	31.73	-0.13	8.31	0.24 Gyro
47	**4500.00**	**100.00**	**1.03**	**131.56**	**4499.58**	**-34.84**	**-10.36**	**33.36**	**-0.32**	**6.18**	**0.34 Gyro**
48	4600.00	100.00	1.09	131.22	4599.56	-36.58	-11.58	34.75	0.06	-0.34	0.06 Gyro
49	**4700.00**	**100.00**	**1.21**	**126.83**	**4699.54**	**-38.49**	**-12.84**	**36.31**	**0.12**	**-4.39**	**0.15 Gyro**
50	4800.00	100.00	1.11	122.05	4799.52	-40.46	-13.99	37.97	-0.10	-4.78	0.14 Gyro
51	**4900.00**	**100.00**	**1.26**	**139.77**	**4899.50**	**-42.38**	**-15.34**	**39.51**	**0.15**	**17.72**	**0.39 Gyro**
52	5000.00	100.00	1.18	125.04	4999.48	-44.35	-16.77	41.06	-0.08	-14.73	0.32 Gyro
53	**5100.00**	**100.00**	**0.91**	**138.89**	**5099.46**	**-46.05**	**-17.96**	**42.42**	**-0.27**	**13.85**	**0.37 Gyro**
54	5200.00	100.00	0.80	142.41	5199.45	-47.35	-19.11	43.37	-0.11	3.52	0.12 Gyro
55	**5300.00**	**100.00**	**0.97**	**132.59**	**5299.44**	**-48.74**	**-20.24**	**44.42**	**0.17**	**-9.82**	**0.23 Gyro**
56	5400.00	100.00	0.69	131.25	5399.43	-50.10	-21.21	45.50	-0.28	-1.34	0.28 Gyro
57	**5500.00**	**100.00**	**0.58**	**128.35**	**5499.42**	**-51.15**	**-21.92**	**46.35**	**-0.11**	**-2.90**	**0.11 Gyro**
58	5591.00	91.00	0.33	111.66	5590.42	-51.85	-22.30	46.95	-0.27	-18.34	0.31 Tie In
59	**5741.00**	**150.00**	**1.00**	**228.60**	**5740.41**	**-51.68**	**-23.33**	**46.37**	**0.45**	**77.96**	**0.79 Mud Pulse**
60	5805.00	64.00	2.20	275.20	5804.39	-50.25	-23.58	44.73	1.87	72.81	2.62 Mud Pulse
61	**5869.00**	**64.00**	**3.20**	**274.30**	**5868.32**	**-47.36**	**-23.34**	**41.72**	**1.56**	**-1.41**	**1.56 Mud Pulse**
62	5933.00	64.00	3.50	272.70	5932.21	-43.80	-23.11	37.99	0.47	-2.50	0.49 Mud Pulse
63	**5997.00**	**64.00**	**4.60**	**282.80**	**5996.05**	**-39.41**	**-22.45**	**33.54**	**1.72**	**15.78**	**2.04 Mud Pulse**
64	6060.00	63.00	6.60	292.90	6058.74	-33.29	-20.48	27.74	3.17	16.03	3.53 Mud Pulse
65	**6125.00**	**65.00**	**8.50**	**295.30**	**6123.18**	**-24.77**	**-16.98**	**19.95**	**2.92**	**3.69**	**2.96 Mud Pulse**
66	6188.00	63.00	9.00	295.70	6185.44	-15.21	-12.85	11.30	0.79	0.63	0.80 Mud Pulse
67	**6252.00**	**64.00**	**9.20**	**294.20**	**6248.64**	**-5.11**	**-8.58**	**2.13**	**0.31**	**-2.34**	**0.48 Mud Pulse**
68	6317.00	65.00	9.50	294.30	6312.77	5.44	-4.25	-7.50	0.46	0.15	0.46 Mud Pulse
69	**6381.00**	**64.00**	**11.10**	**300.00**	**6375.74**	**16.81**	**1.01**	**-17.65**	**2.50**	**8.91**	**2.96 Mud Pulse**
70	6446.00	65.00	11.00	300.60	6439.54	29.11	7.29	-28.41	-0.15	0.92	0.23 Mud Pulse
71	**6509.00**	**63.00**	**10.80**	**299.20**	**6501.40**	**40.89**	**13.23**	**-38.73**	**-0.32**	**-2.22**	**0.53 Mud Pulse**
72	6574.00	65.00	10.20	297.30	6565.31	52.65	18.84	-49.16	-0.92	-2.92	1.07 Mud Pulse
73	**6638.00**	**64.00**	**10.00**	**299.20**	**6628.32**	**63.79**	**24.15**	**-59.05**	**-0.31**	**2.97**	**0.61 Mud Pulse**
74	6701.00	63.00	10.40	304.10	6690.33	74.76	30.01	-68.53	0.63	7.78	1.52 Mud Pulse
75	**6765.00**	**64.00**	**10.40**	**306.20**	**6753.28**	**85.98**	**36.66**	**-77.98**	**0.00**	**3.28**	**0.59 Mud Pulse**
76	6829.00	64.00	10.20	304.80	6816.24	97.07	43.31	-87.29	-0.31	-2.19	0.50 Mud Pulse

77	6893.00	64.00	9.80	306.20	6879.27	107.85	49.76	-96.34	-0.63	2.19	0.73 Mud Pulse
78	6957.00	64.00	9.30	305.50	6942.38	118.13	55.98	-104.95	-0.78	-1.09	0.80 Mud Pulse
79	7019.00	62.00	8.90	304.10	7003.60	127.66	61.58	-113.00	-0.65	-2.26	0.74 Mud Pulse
80	7081.00	62.00	8.40	301.80	7064.90	136.80	66.65	-120.82	-0.81	-3.71	0.98 Mud Pulse
81	7145.00	64.00	7.80	302.70	7128.26	145.65	71.46	-128.45	-0.94	1.41	0.96 Mud Pulse
82	7209.00	64.00	8.50	302.60	7191.61	154.55	76.36	-136.09	1.09	-0.16	1.09 Mud Pulse
83	7272.00	63.00	7.80	304.90	7253.98	163.27	81.31	-143.51	-1.11	3.65	1.23 Mud Pulse
84	7335.00	63.00	6.90	305.00	7316.46	171.11	85.93	-150.12	-1.43	0.16	1.43 Mud Pulse
85	7399.00	64.00	6.70	302.00	7380.01	178.51	90.11	-156.44	-0.31	-4.69	0.64 Mud Pulse
86	7463.00	64.00	6.90	299.50	7443.56	185.99	93.98	-162.95	0.31	-3.91	0.56 Mud Pulse
87	7527.00	64.00	7.30	301.90	7507.07	193.79	98.02	-169.75	0.62	3.75	0.78 Mud Pulse
88	7591.00	64.00	7.10	299.70	7570.56	201.70	102.13	-176.63	-0.31	-3.44	0.53 Mud Pulse
89	7655.00	64.00	7.30	294.50	7634.06	209.67	105.78	-183.77	0.31	-8.13	1.06 Mud Pulse
90	7718.00	63.00	7.50	290.80	7696.53	217.78	108.90	-191.26	0.32	-5.87	0.82 Mud Pulse
91	7781.00	63.00	7.60	291.50	7758.99	226.06	111.89	-198.98	0.16	1.11	0.22 Mud Pulse
92	7844.00	63.00	6.60	296.80	7821.51	233.83	115.04	-206.08	-1.59	8.41	1.90 Mud Pulse
93	7907.00	63.00	5.80	296.90	7884.14	240.60	118.12	-212.15	-1.27	0.16	1.27 Mud Pulse
94	7970.00	63.00	3.60	298.30	7946.92	245.74	120.50	-216.73	-3.49	2.22	3.50 Mud Pulse
95	8030.00	60.00	4.30	286.90	8006.78	249.85	122.04	-220.55	1.17	-19.00	1.75 Mud Pulse
96	8098.00	68.00	6.90	287.70	8074.45	256.47	124.03	-226.88	3.82	1.18	3.83 Mud Pulse
97	8163.00	65.00	6.80	289.00	8138.98	264.21	126.47	-234.24	-0.15	2.00	0.28 Mud Pulse
98	8226.00	63.00	6.10	295.70	8201.59	271.27	129.13	-240.78	-1.11	10.63	1.63 Mud Pulse
99	8291.00	65.00	6.20	309.90	8266.22	278.04	132.88	-246.58	0.15	21.85	2.34 Mud Pulse
100	8354.00	63.00	7.60	310.50	8328.76	285.21	137.77	-252.36	2.22	0.95	2.22 Mud Pulse
101	8417.00	63.00	8.20	312.60	8391.16	293.33	143.52	-258.84	0.95	3.33	1.06 Mud Pulse
102	8481.00	64.00	9.10	311.90	8454.43	302.32	149.99	-265.96	1.41	-1.09	1.42 Mud Pulse
103	8544.00	63.00	9.20	313.40	8516.63	311.66	156.77	-273.33	0.16	2.38	0.41 Mud Pulse
104	8608.00	64.00	8.40	313.60	8579.88	320.73	163.51	-280.43	-1.25	0.31	1.25 Mud Pulse
105	8671.00	63.00	7.30	312.70	8642.28	328.71	169.40	-286.71	-1.75	-1.43	1.76 Mud Pulse
106	8734.00	63.00	7.30	313.00	8704.77	336.16	174.84	-292.58	0.00	0.48	0.06 Mud Pulse
107	8799.00	65.00	6.80	312.80	8769.28	343.58	180.28	-298.42	-0.77	-0.31	0.77 Mud Pulse
108	8862.00	63.00	7.10	304.60	8831.82	350.85	185.02	-304.36	0.48	-13.02	1.64 Mud Pulse
109	8925.00	63.00	6.30	302.00	8894.39	358.03	189.06	-310.50	-1.27	-4.13	1.36 Mud Pulse
110	8989.00	64.00	6.40	302.40	8958.00	364.98	192.84	-316.49	0.16	0.62	0.17 Mud Pulse
111	9052.00	63.00	6.20	305.50	9020.62	371.73	196.69	-322.22	-0.32	4.92	0.63 Mud Pulse
112	9116.00	64.00	5.60	310.20	9084.28	378.04	200.72	-327.42	-0.94	7.34	1.20 Mud Pulse
113	9180.00	64.00	4.50	308.90	9148.03	383.39	204.31	-331.76	-1.72	-2.03	1.73 Mud Pulse
114	9243.00	63.00	3.60	310.30	9210.87	387.61	207.14	-335.19	-1.43	2.22	1.44 Mud Pulse
115	9307.00	64.00	3.40	312.00	9274.75	391.29	209.71	-338.14	-0.31	2.66	0.35 Mud Pulse
116	9370.00	63.00	2.80	309.10	9337.66	394.50	211.93	-340.72	-0.95	-4.60	0.98 Mud Pulse
117	9433.00	63.00	2.20	310.80	9400.60	397.11	213.69	-342.83	-0.95	2.70	0.96 Mud Pulse

118	9496.00	63.00	1.60	321.50	9463.56	399.01	215.17	-344.29	-0.95	16.98	1.10 Mud Pulse
119	**9560.00**	**64.00**	**1.50**	**328.90**	**9527.54**	**400.45**	**216.59**	**-345.28**	**-0.16**	**11.56**	**0.35 Mud Pulse**
120	9623.00	63.00	0.80	337.90	9590.53	401.40	217.70	-345.87	-1.11	14.29	1.14 Mud Pulse
121	**9686.00**	**63.00**	**0.60**	**348.30**	**9653.52**	**401.89**	**218.43**	**-346.10**	**-0.32**	**16.51**	**0.38 Mud Pulse**
122	9750.00	64.00	0.60	358.40	9717.52	402.20	219.09	-346.18	0.00	15.78	0.17 Mud Pulse
123	**9814.00**	**64.00**	**0.50**	**2.10**	**9781.52**	**402.42**	**219.71**	**-346.18**	**-0.16**	**5.78**	**0.17 Mud Pulse**
124	9879.00	65.00	0.40	58.30	9846.51	402.38	220.11	-345.98	-0.15	86.46	0.67 Mud Pulse
125	**9942.00**	**63.00**	**0.50**	**101.60**	**9909.51**	**401.98**	**220.17**	**-345.52**	**0.16**	**68.73**	**0.55 Mud Pulse**
126	10005.00	63.00	0.90	145.20	9972.51	401.30	219.71	-344.97	0.63	69.21	1.01 Mud Pulse
127	**10069.00**	**64.00**	**1.20**	**140.40**	**10036.50**	**400.29**	**218.78**	**-344.25**	**0.47**	**-7.50**	**0.49 Mud Pulse**
128	10132.00	63.00	1.50	138.40	10099.48	398.98	217.65	-343.29	0.48	-3.17	0.48 Mud Pulse
129	**10196.00**	**64.00**	**1.70**	**144.10**	**10163.46**	**397.44**	**216.26**	**-342.17**	**0.31**	**8.91**	**0.40 Mud Pulse**
130	10259.00	63.00	1.80	144.60	10226.43	395.82	214.69	-341.05	0.16	0.79	0.16 Mud Pulse
131	**10323.00**	**64.00**	**2.10**	**127.60**	**10290.39**	**393.86**	**213.16**	**-339.54**	**0.47**	**-26.56**	**1.01 Mud Pulse**
132	10386.00	63.00	2.20	116.20	10353.35	391.54	211.92	-337.54	0.16	-18.10	0.70 Mud Pulse
133	**10449.00**	**63.00**	**2.20**	**120.20**	**10416.30**	**389.14**	**210.78**	**-335.41**	**0.00**	**6.35**	**0.24 Mud Pulse**
134	10513.00	64.00	2.30	120.60	10480.25	386.66	209.51	-333.24	0.16	0.62	0.16 Mud Pulse
135	**10577.00**	**64.00**	**2.50**	**117.50**	**10544.19**	**384.01**	**208.21**	**-330.90**	**0.31**	**-4.84**	**0.37 Mud Pulse**
136	10639.00	62.00	2.70	112.20	10606.13	381.20	207.03	-328.35	0.32	-8.55	0.50 Mud Pulse
137	**10702.00**	**63.00**	**2.60**	**111.30**	**10669.06**	**378.29**	**205.95**	**-325.64**	**-0.16**	**-1.43**	**0.17 Mud Pulse**
138	10765.00	63.00	2.70	104.10	10731.99	375.39	205.07	-322.87	0.16	-11.43	0.55 Mud Pulse
139	**10829.00**	**64.00**	**2.50**	**100.80**	**10795.93**	**372.52**	**204.44**	**-320.04**	**-0.31**	**-5.16**	**0.39 Mud Pulse**
140	10892.00	63.00	2.60	103.70	10858.87	369.75	203.85	-317.30	0.16	4.60	0.26 Mud Pulse
141	**10956.00**	**64.00**	**2.60**	**96.60**	**10922.80**	**366.91**	**203.34**	**-314.45**	**0.00**	**-11.09**	**0.50 Mud Pulse**
142	11016.00	60.00	2.80	99.30	10982.73	364.16	202.94	-311.65	0.33	4.50	0.39 Mud Pulse
143	**11070.00**	**54.00**	**2.80**	**99.30**	**11036.67**	**361.58**	**202.52**	**-309.05**	**0.00**	**0.00**	**0.00 Proj. to Bit**

To Helen
5/24/2012

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME: Red Wash

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☑ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

8. WELL NAME and NUMBER: RW 34-22B

2. NAME OF OPERATOR: QEP Energy Company

9. API NUMBER: 4304715158

3. ADDRESS OF OPERATOR: 1050 17th Street, Ste. 500 CITY Denver STATE CO ZIP 80265

PHONE NUMBER: (303) 308-3060

10 FIELD AND POOL, OR WILDCAT: Red Wash

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 657' FSL, 1982' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH: 757' FSL, 2235' FEL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 22 7S 23E

12. COUNTY: Uintah

13. STATE: UTAH

14. DATE SPUDDED: 3/23/2012

15. DATE T.D. REACHED: 3/30/2012

16. DATE COMPLETED: 4/19/2012 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5604' - KB

18. TOTAL DEPTH: MD 11,070 TVD 10,982

19. PLUG BACK T.D.: MD TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
✓Quad Combo, CBL

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
6.125"	4.5 P110	11.6	0	11,069		ClassG 830	331	1430	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Mesa Verde	10,123	10,830		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
10,123 10,830	.35	96	Open ☑ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

RECEIVED
MAY 23 2012
DIV. OF OIL, GAS & MINING

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
10,123' - 10,830'	38 Bbl 15% HCl, 8,563 Bbl slick water, 1,000 sks 30/50 sand

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☑ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS:

Producing

(5/2000)

(CONTINUED ON BACK)

31. INITIAL PRODUCTION — **INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
4/19/2012	4/21/2012	24		17	1,465	450	Flowing

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
24/64	1,477	2,356					17	1,465	450	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
Green River	2,880
Mahogany	3,620
Wasatch	6,211
Mesa Verde	8,391
Sego	10,960

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE Morgan Anderson DATE 5/22/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5.LEASE DESIGNATION AND SERIAL NUMBER: U-081

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RED WASH

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: RW 34-22B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047151580000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0657 FSL 1982 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 22 Township: 07.0S Range: 23.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 12/22/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	✓ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY REQUESTS APPROVAL TO RECOMPLETE THE RW 34-22B BY ADDING PERFORATIONS TO THE MESA VERDE FORMATION. SEE ATTACHED PROCEDURES.

Accepted by the Utah Division of Oil, Gas and Mining

Date: December 22, 2014

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Benna Muth	435 781-4320	Regulatory Assistant
SIGNATURE N/A		**DATE** 12/22/2014

RECEIVED: Dec. 22, 2014

QEP Energy requests approval to recomplete the RW 34-22B by adding perforations to the Mesa Verde formation as follows:

1. Set a CFP at 10070'.
2. Stage 1:
    a. 10049'-10052', 3spf, frac with slick water.
    b. 10022'-10024', 3spf, frac with slick water.
    c. 9916'-9918', 3spf, frac with slick water.
    d. 9859'-9862', 3spf, frac with slick water.
    e. 9834'-9836', 3spf, frac with slick water.
    f. 9798'-9800', 3spf, frac with slick water.
    g. 9761'-9763', 3spf, frac with slick water.
3. Set a CFP at 9650'.
4. Stage 2:
    a. 9546'-9548', 3spf, frac with slick water.
    b. 9462'-9465', 3spf, frac with slick water.
    c. 9425'-9429', 3spf, frac with slick water.
    d. 9369'-9373', 3spf, frac with slick water.
    e. 9291'-9294', 3spf, frac with slick water.
5. Drill up top plug and return well to production.
6. Return to drill up bottom plug after the frac fluid is recovered.

RECEIVED: Dec. 22, 2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: U-081

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RED WASH

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: RW 34-22B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047151580000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 595-5919 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0657 FSL 1982 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 22 Township: 07.0S Range: 23.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 2/28/2015	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☑ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP Energy Company re-perforated the RW 34-22B Mesaverde formation. A summary of the additional perforations is as follows: Stage 1 – 9289'-9463' (46 shots), Stage 2 – 9544'-9835' (28 shots), Stage 3 – 9858'-10052' (34 shots), Stage 4 – 10123'-10422' (52 shots), Stage 5 – 10736'-10830' (52 shots). The frac used 21,100 bbls slickwater and 394,400 lbs. of proppant bulk sand. The well was returned to production on 2/28/2015. Please see the attached perforation summary and daily report.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
March 24, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Laura Abrams	303 260-6745	Sr. Regualtory Affairs Analyst
SIGNATURE		**DATE**
N/A		3/23/2015

RECEIVED: Mar. 23, 2015

Daily Summary

Well Name: RWU 34-22B (31)

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-15158	S22-T7S-R23E	RED WASH	UINTAH	UTAH	S-Well

Unique Well ID	Ground Elevation (ft)	Casing Flange Elevation (ft)	Current KB to GL (ft)	KB to CF (ft)	Spud Date	Dry Hole TD Date
UT101925	5,590	5,590.00	14.00	14.00	12/10/1953 00:00	4/6/2012 18:00

RPT #	Start Date	End Date	Summary
1	2/9/2015	2/10/2015	CONTRACT WORK
2	2/17/2015	2/18/2015	CONTRACT WORK
3	2/18/2015	2/19/2015	2/18/15: Road rig & equipment 62 miles to location. Spot in & rig up. Spot in and rig up pump. X-O to 2 3/8" tbg equipment. Bleed well off. ND well head. NU 5k bop's. RU floor. Pooh LD tbg hanger and stand back 200 joints of 2 3/8" P-110 tbg. EOT @4349'. Shut tbg in. Turn casing up sales line for night. SDFN
4	2/19/2015	2/20/2015	2/19/15: Bleed well off. Pooh with 137 joint's. MIRU wire line. RIH with gage ring 3.70 to 10,080'. RIH with 15k CFP and set @10,070' per design. RD wire line. RIH with 337 joint's of 2 3/8" L-80 tbg. Pooh LD 337 joint's of 2 3/8" L-80 tbg. SWIFN.
5	2/23/2015	2/24/2015	2/23/15: SICP=325. Bleed well off. RD floor and ND bop's. NU 10k frac tree. Rig down and rack out rig equip. K & E hot oilier filled casing with 120 bbl's. Pressure test to 8500 #psi and lost plug. Shut well in. RD hot oilier.
6	2/24/2015	2/25/2015	2/24/15: MIRU Cutters wire line. RIH with 3.70 gage rig to 10,080'. RIH 15k Halliburton CFP 4 1/2" and set @10,072'. RU hot oilier to casing and fill with 120 bbl's. MIRU Cameron test truck and pressure test frac tree and casing to 8552#psi. Good test. RIH with 3 1/8" 3spf 90 deg phasing with shots of .37" hole W/44" penetration. Correlate to Depths from Thrubit Spectral Density Dual Spaced Neutron Gamma Ray dated 4-2-12 back to Lone Wolf CBL dated 4-12-12. Shot perf's per design with 0 #psi increase on well. Shut well in for frac
7	2/27/2015	2/28/2015	Frac stage #1
8	2/28/2015	3/1/2015	2/28/15: Road rig & equipment 39 miles to location. Spot in and rig up. X-O to 2 3/8" tbg equipment on rig & bop's. ND frac tree. NU 5k drill out stack. RU floor. Make up 3 5/8" mill, pump off bit sub, F-Nipple 1.812, Tally rabbit and pick up 157 joint's of 2 3/8" L-80 tbg. Tag kill plug @5008'. RU swivel and rig pump. Fill tbg with 2% kcl water. Drill kill plug out holding 800 #psi on casing in 20 min. Take a 700 #psi kick. Continued to tally rabbit and pick up tbg. EOT @5842'. Turn well over to flow back crew for night. Shut tbg in and close hydrill, pipe rams and lock. SDFN
9	3/1/2015	3/2/2015	3/01/15: Continued to flow well back with 1000 #psi on a 22/64 choke 100 bph. Tally, rabbit and pick up tbg tag frac plug #1 @9570'. RU swivel and pump. Drill plug out in 20 min. RIH tag fill top @9894' clean out plug remain's and sand 178'. Tag frac plug #2 @10,072'. Roll hole for 1/2 hr. Pooh LD 10 joint's. Make up tbg hanger. Land tbg in well head. EOT @9768'. ND bop's. NU well head. Continued to flow well back 100 bph. Rig down rack out equipment. RU flow line. Turn well over to production @4:30. Move rig and equipment off location. SDFN
10	3/2/2015	3/3/2015	CONTRACT WORK
11	3/5/2015	3/6/2015	03/05/2015: Road rig 3.5 miles, MIRU, SITP = 0# psi. FCP = 0# psi. ND well head. NU bop's Pull tbg hanger. POOH w/ tbg LD Pump off bit sub. MU collar to F- Nipple RIH w/ 167 Jt of 2 3/8 L-80 tbg. SWIFN EOT @ 5410'
12	3/6/2015	3/7/2015	03/06/2015: . RIH w/ remaining tbg MU hanger. Land well w/ EOT @ 9765' ND bops NU well head. Well is shut in, RDMO.
13	3/7/2015	3/8/2015	CONTRACT WORK
14	3/10/2015	3/11/2015	CONTRACT WORK

Perforations

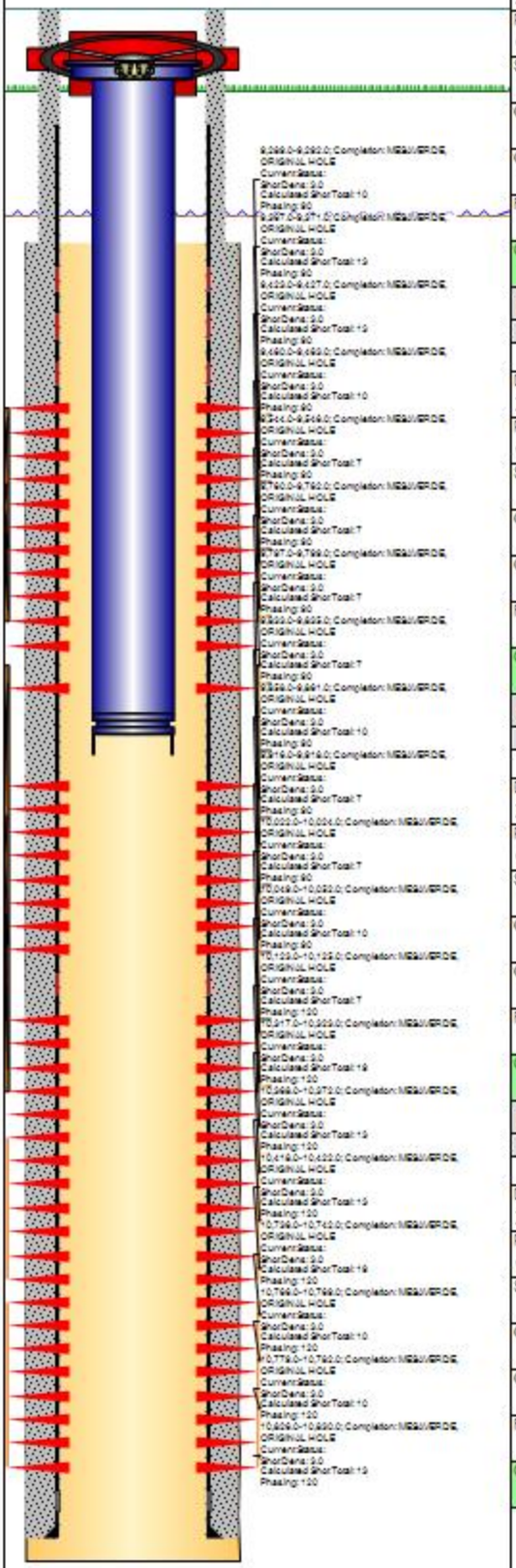
Well Name: RWU 34-22B (31)

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-15158	S22-T7S-R23E	RED WASH	UINTAH	UTAH	S-Well

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT101925	5,590	5,604.00, <elvothernote>	14.00	12/10/1953 00:00	4/6/2012 18:00	ORIGINAL HOLE - 11,070.0

S-Well - ORIGINAL HOLE, 3/23/2015 3:42:19 PM

Vertical schematic (actual)



Perforations

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/27/2015	MESAVERDE, ORIGINAL HOLE	9,289.0	9,292.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters WL		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		90

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 10

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/27/2015	MESAVERDE, ORIGINAL HOLE	9,367.0	9,371.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters WL		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		90

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 13

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/27/2015	MESAVERDE, ORIGINAL HOLE	9,423.0	9,427.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters WL		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		90

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 13

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/27/2015	MESAVERDE, ORIGINAL HOLE	9,460.0	9,463.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters WL		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		90

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 10

Perforations

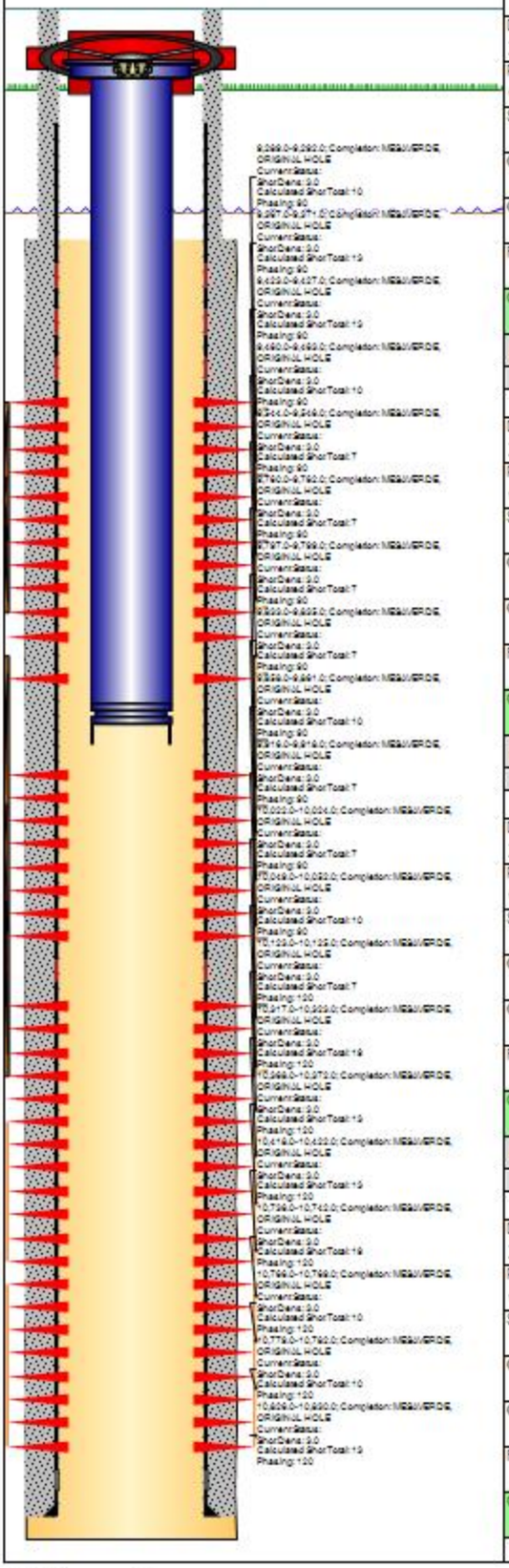
Well Name: RWU 34-22B (31)

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-15158	S22-T7S-R23E	RED WASH	UINTAH	UTAH	S-Well

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT101925	5,590	5,604.00, <elvothernote>	14.00	12/10/1953 00:00	4/6/2012 18:00	ORIGINAL HOLE - 11,070.0

S-Well - ORIGINAL HOLE, 3/23/2015 3:42:32 PM

Vertical schematic (actual)



Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/27/2015	MESAVERDE, ORIGINAL HOLE	9,544.0	9,546.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters WL		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		90

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/24/2015	MESAVERDE, ORIGINAL HOLE	9,760.0	9,762.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters WL		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		90

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/24/2015	MESAVERDE, ORIGINAL HOLE	9,797.0	9,799.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters WL		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		90

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/24/2015	MESAVERDE, ORIGINAL HOLE	9,833.0	9,835.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters WL		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		90

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 7

Perforations

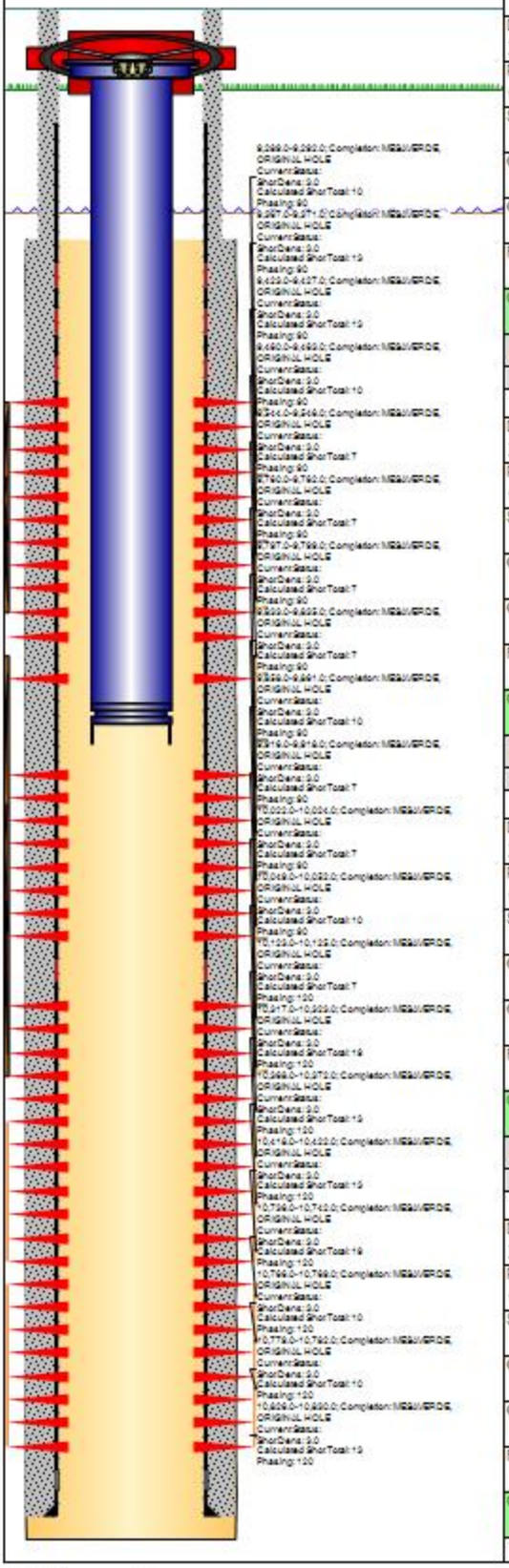
Well Name: RWU 34-22B (31)

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-15158	S22-T7S-R23E	RED WASH	UINTAH	UTAH	S-Well

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT101925	5,590	5,604.00, <elvothernote>	14.00	12/10/1953 00:00	4/6/2012 18:00	ORIGINAL HOLE - 11,070.0

S-Well - ORIGINAL HOLE, 3/23/2015 3:42:42 PM

Vertical schematic (actual)



Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/24/2015	MESAVERDE, ORIGINAL HOLE	9,858.0	9,861.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters WL		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		90

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 10

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/24/2015	MESAVERDE, ORIGINAL HOLE	9,916.0	9,918.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters WL		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		90

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/24/2015	MESAVERDE, ORIGINAL HOLE	10,022.0	10,024.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters WL		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		90

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
2/24/2015	MESAVERDE, ORIGINAL HOLE	10,049.0	10,052.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters WL		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		90

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log

Calculated Shot Total: 10

Perforations

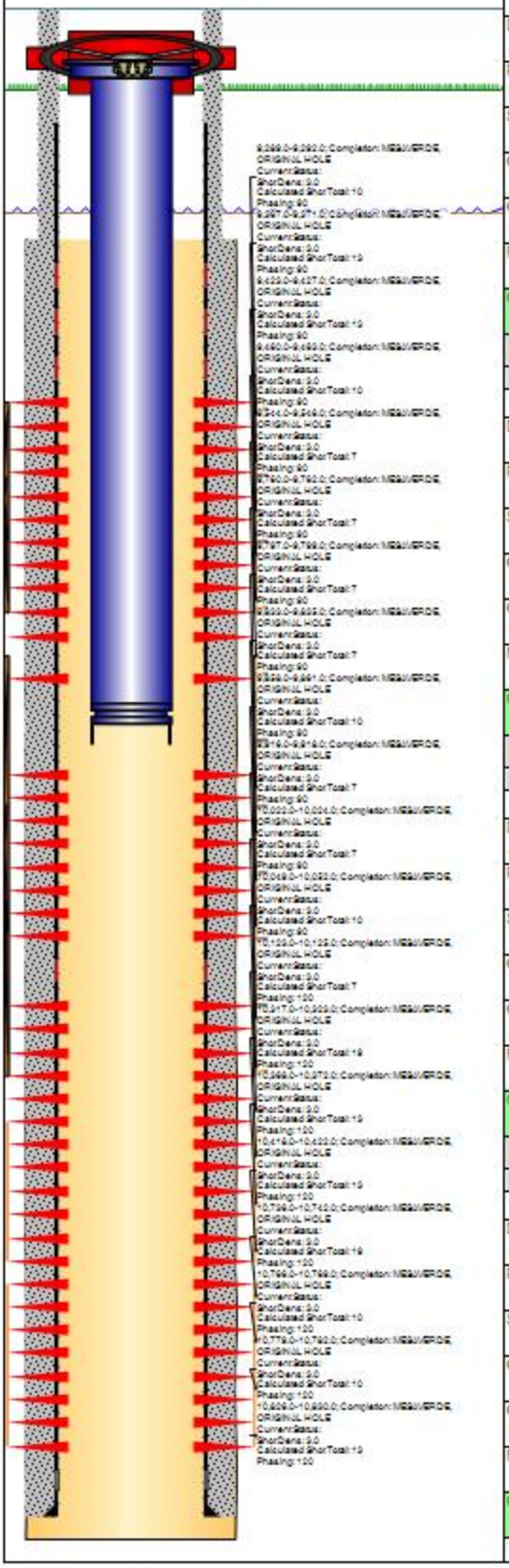
Well Name: RWU 34-22B (31)

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-15158	S22-T7S-R23E	RED WASH	UINTAH	UTAH	S-Well

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT101925	5,590	5,604.00, <elvothernote>	14.00	12/10/1953 00:00	4/6/2012 18:00	ORIGINAL HOLE - 11,070.0

S-Well - ORIGINAL HOLE, 3/23/2015 3:42:49 PM

Vertical schematic (actual)



Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
4/17/2012	MESAVERDE, ORIGINAL HOLE	10,123.0	10,125.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
LONE WOLF WL		0.0	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
NEUTRAL	0.0	0.0		430.0	0.0

Reference Log

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
4/17/2012	MESAVERDE, ORIGINAL HOLE	10,317.0	10,323.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
LONE WOLF WL		0.0	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
NEUTRAL	0.0	0.0		430.0	0.0

Reference Log

Calculated Shot Total: 19

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
4/17/2012	MESAVERDE, ORIGINAL HOLE	10,368.0	10,372.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
LONE WOLF WL		0.0	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
NEUTRAL	0.0	0.0		430.0	0.0

Reference Log

Calculated Shot Total: 13

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
4/17/2012	MESAVERDE, ORIGINAL HOLE	10,418.0	10,422.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
LONE WOLF WL		0.0	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
NEUTRAL	0.0	0.0		430.0	0.0

Reference Log

Calculated Shot Total: 13

Perforations

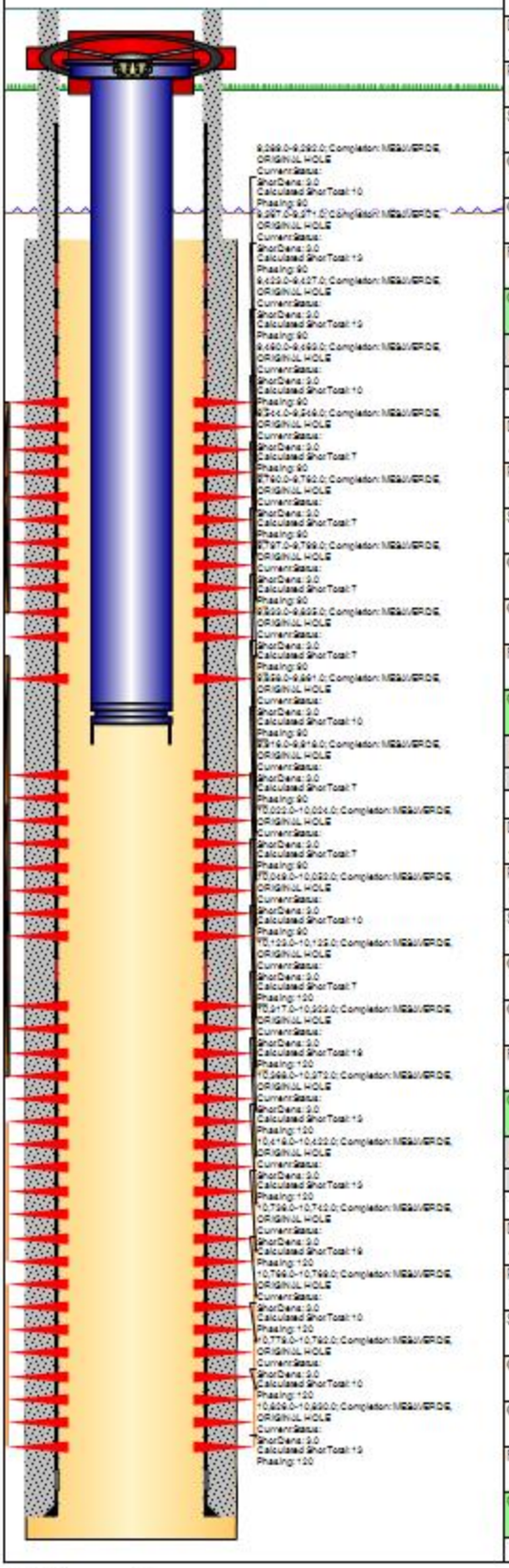
Well Name: RWU 34-22B (31)

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-15158	S22-T7S-R23E	RED WASH	UINTAH	UTAH	S-Well

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT101925	5,590	5,604.00, <elvothernote>	14.00	12/10/1953 00:00	4/6/2012 18:00	ORIGINAL HOLE - 11,070.0

S-Well - ORIGINAL HOLE, 3/23/2015 3:42:57 PM

Vertical schematic (actual)



Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
4/16/2012	MESAVERDE, ORIGINAL HOLE	10,736.0	10,742.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
LONE WOLF WL		0.0	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
	0.0	0.0		0.0	0.0

Reference Log

Calculated Shot Total: 19

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
4/16/2012	MESAVERDE, ORIGINAL HOLE	10,766.0	10,769.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
LONE WOLF WL		0.0	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
	0.0	0.0		0.0	0.0

Reference Log

Calculated Shot Total: 10

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
4/16/2012	MESAVERDE, ORIGINAL HOLE	10,779.0	10,782.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
LONE WOLF WL		0.0	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
	0.0	0.0		0.0	0.0

Reference Log

Calculated Shot Total: 10

Perforation Statuses

Date	Status	Com

Date	Completion	Top Depth (ft, KB)	Bottom Depth (ft, KB)
4/16/2012	MESAVERDE, ORIGINAL HOLE	10,826.0	10,830.0

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
LONE WOLF WL		0.0	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
	0.0	0.0		0.0	0.0

Reference Log

Calculated Shot Total: 13

Perforations

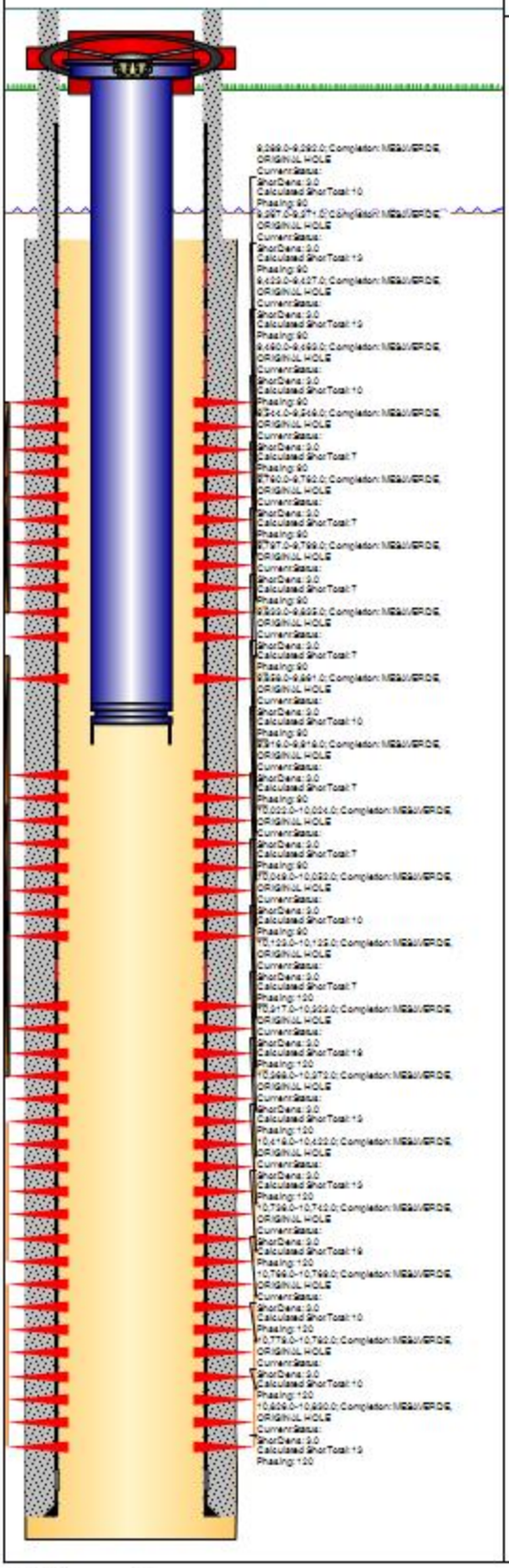
Well Name: RWU 34-22B (31)

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-15158	S22-T7S-R23E	RED WASH	UINTAH	UTAH	S-Well

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT101925	5,590	5,604.00, <elvothernote>	14.00	12/10/1953 00:00	4/6/2012 18:00	ORIGINAL HOLE - 11,070.0

S-Well - ORIGINAL HOLE, 3/23/2015 3:43:05 PM

Vertical schematic (actual)



Perforation Statuses

Date	Status	Com

RWU 34-22B (31)

AFE - DRL-CT (completion), 4/15/2012 06:00

Well Name	Primary Job Type	Secondary Job Type	Objective	Start Date	Job End Date
RWU 34-22B (31)	AFE - DRL-CT (completion)	DEVELOPMENT	AFE	4/15/2012	4/19/2012

RPT #	End Date	Cum Time Log (days)	Day Total (Cost)	Current Ops	Summary	Time Log Hrs (hr)	syscreateuser
1	4/16/2012 06:00		71,750.00	PREP TO FRAC 2 MV ZONES	PREP TO FRAC 2 MV ZONES		DFW_WV310User
2	4/17/2012 06:00	0.31	192,342.00	WELLBORE ISOLATED AT 6000' WITH COMP.BP	FRAC AND PERF.2 MESAVERDE ZONES ON 4/17/12 AND SET A COMP.BP AT 6000'	7.50	DFW_WV310User
3	4/18/2012 06:00	0.90	20,094.50	4/18/2012. MIRU. SICP=700. ND FRAC VALVE. NU BOP STACK. TALLY & RIH W/ MILL, PUMP OFF BIT SUB, 190 J	4/18/2012. MIRU. SICP=700. ND FRAC VALVE. NU BOP STACK. TALLY & RIH W/ MILL, PUMP OFF BIT SUB, 190 JNTS OF 2.375. TAG KILL PLUG @6000'. RU SWIVEL & PUMP.TEST STACK TO 2000 PSI. GOOD. DRILL OUT KILL PLUG. TALLY & TRIP IN TO 7937.5'. TRUN WELL TO FLOW BACK	14.00	DFW_WV310User
4	4/19/2012 06:00	1.31	68,006.00	4/19/2012. SITP=0, FCP=1150. TALLY & PICK 82 JNTS TO TAG FRAC PLUG @ 10,600'. DRILL OUT PLUG. TAG FI	4/19/2012. SITP=0, FCP=1150. TALLY & PICK 82 JNTS TO TAG FRAC PLUG @ 10,600'. DRILL OUT PLUG. TAG FILL TOP @10,980' CLEAN OUT TO 11,050'. PUMP 20 GALS OF CHEM TO EOT. POOH LD 12 JNTS EOT@10,715'. LAND TBG IN WELL HEAD. ND BOPS. NU WELL HEAD. PUMP BIT OFF	10.00	DFW_WV310User

AFE - REC (Recomplete), 2/9/2015 06:00

Well Name	Primary Job Type	Secondary Job Type	Objective	Start Date	Job End Date
RWU 34-22B (31)	AFE - REC (Recomplete)			2/9/2015	3/11/2015

RPT #	End Date	Cum Time Log (days)	Day Total (Cost)	Current Ops	Summary	Time Log Hrs (hr)	syscreateuser
1	2/10/2015 06:00		1,360.00		CONTRACT WORK		50170
2	2/18/2015 06:00		2,924.00		CONTRACT WORK		50170
3	2/19/2015 06:00	0.56	8,381.94	MIRU	2/18/15: Road rig & equipment 62 miles to location. Spot in & rig up. Spot in and rig up pump. X-O to 2 3/8" tbg equipment. Bleed well off. ND well head. NU 5k bop's. RU floor. Pooh LD tbg hanger and stand back 200 joints of 2 3/8" P-110 tbg. EOT @4349'. Shut tbg in. Turn casing up sales line for night. SDFN	13.50	temptwilliams
4	2/20/2015 06:00	1.21	11,935.78	Bleed well off	2/19/15: Bleed well off. Pooh with 137 joint's. MIRU wire line. RIH with gage ring 3.70 to 10,080'. RIH with 15k CFP and set @10,070' per design. RD wire line. RIH with 337 joint's of 2 3/8" L-80 tbg. Pooh LD 337 joint's of 2 3/8" L-80 tbg. SWIFN.	15.50	temptwilliams
5	2/24/2015 06:00	1.42	18,521.02	Bleed well off	2/23/15: SICP=325. Bleed well off. RD floor and ND bop's. NU 10k frac tree. Rig down and rack out rig equip. K&E hot oilier filled casing with 120 bbl's. Pressure test to 8500 #psi and lost plug. Shut well in. RD hot oilier.	5.00	temptwilliams
6	2/25/2015 06:00	1.65	33,477.78	RU wire line	2/24/15: MIRU Cutters wire line. RIH with 3.70 gage rig to 10,080'. RIH 15k Halliburton CFP 4 1/2" and set @10,072'. RU hot oilier to casing and fill with 120 bbl's. MIRU Cameron test truck and pressure test frac tree and casing to 8552 #psi. Good test. RIH with 3 1/8" 3spf 90 deg phasing with shots of .37" hole W/44" penetration. Correlate to Depths from Thrubit Spectral Density Dual Spaced Neutron Gamma Ray dated 4-2-12 back to Lone Wolf CBL dated 4-12-12. Shot perf's per design with 0 #psi increase on well. Shut well in for frac	5.50	temptwilliams
7	2/28/2015 06:00	2.65	214,918.00		Frac stage #1	24.00	browning.contractor

RWU 34-22B (31)

RPT #	End Date	Cum Time Log (days)	Day Total (Cost)	Current Ops	Summary	Time Log Hrs (hr)	syscreateuser
8	3/1/2015 06:00	3.23	38,248.78	MIRU work over rig	2/28/15: Road rig & equipment 39 miles to location. Spot in and rig up. X-O to 2 3/8" tbg equipment on rig & bop's. ND frac tree. NU 5k drill out stack. RU floor. Make up 3 5/8" mill, pump off bit sub, F-Nipple 1.812, Tally rabbit and pick up 157 joint's of 2 3/8" L-80 tbg. Tag kill plug @5008'. RU swivel and rig pump. Fill tbg with 2%kcl water. Drill kill plug out holding 800#psi on casing in 20 min. Take a 700#psi kick. Continued to tally rabbit and pick up tbg. EOT @5842'. Turn well over to flow back crew for night. Shut tbg in and close hydrill, pipe rams and lock. SDFN	14.00	temptwilliams
9	3/2/2015 06:00	3.75	30,501.01	Flowing well back	3/01/15: Continued to flow well back with 1000 #psi on a 22/64 choke 100 bph. Tally, rabbit and pick up tbg tag frac plug #1 @9570'. RU swivel and pump. Drill plug out in 20 min. RIH tag fill top @9894' clean out plug remain's and sand 178'. Tag frac plug #2 @10,072'. Roll hole for 1/2 hr. Pooh LD 10 joint's. Make up tbg hanger. Land tbg in well head. EOT @9768'. ND bop's. NU well head. Continued to flow well back 100 bph. Rig down rack out equipment. RU flow line. Turn well over to production @4:30. Move rig and equipment off location. SDFN	12.50	temptwilliams
10	3/3/2015 06:00	3.75	2,739.35		CONTRACT WORK		50170
11	3/6/2015 06:00	4.15	5,093.24	MIRU	03/05/2015: Road rig 3.5 miles, MIRU, SITP = 0# psi. FCP = 0# psi. ND well head. NU bop's Pull tbg hanger. POOH w/ tbg LD Pump off bit sub. MU collar to F- Nipple RIH w/ 167 Jt of 2 3/8 L-80 tbg. SWIFN EOT @ 5410'	9.50	tempmcclure
12	3/7/2015 06:00	4.44	9,414.12		03/06/2015: . RIH w/ remaining tbg MU hanger. Land well w/ EOT @ 9765' ND bops NU well head. Well is shut in, RDMO.	7.00	tempmcclure
13	3/8/2015 06:00	4.44	4,495.52		CONTRACT WORK		50170
14	3/11/2015 06:00	4.44	39,846.65		CONTRACT WORK		50170